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Our 100th Anniversary

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1943



MARKET HYBRID GOLDEN SWEET CORN

Early, large ears,
quality excellent.
Pkt. 15c; lb. 40c;
2 lbs. 75c. See
page 8.

For Your
Health and
Recreation,
Plant a
Vegetable and
Flower Garden

Ross Seeds

ROSS BROS. CO. Worcester, Mass.

MORNING GLORY
Cornell. Pkt. 10c.
Pearly Gates.
Pkt. 20c.
Heavenly Blue.
Pkt. 10c.

A wonderful combination for planting together. One pkt. of each, post-paid, 35c. See page 40, Ipomoea, for description.

A Century of Service to Agriculture

1843 - 100 YEARS - 1943

ROSS' LAWN SEEDS

— The Kind That Builds Heavy, Velvety, Weed-Free Lawns
Sow during spring or autumn. Avoid hot weather.

PERFECT Lawns Within Reach of All. All of Ross' Celebrated Lawn Grass Seeds are particularly suited to the New England conditions. When properly used, they produce thick velvety lawns of the finest type in a few weeks.

Worcester Lawn Seed

The Worcester Lawn Seed is our own mixture made from a formula which has been given a great deal of careful study and we are positive that no better general purpose lawn seed can be made. **Price: Lb., 55c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50; 100 lbs., \$40.00.**

Green Hill Lawn Seed

This is composed of only four varieties of grasses as follows: Creeping Bent, Rye Grass, Kentucky Blue and Red Top. These are four of the best lawn grasses known. **Price: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 100 lbs., \$50.00.**

Truegreen Lawn Seed

This is a mixture of three of the best so-called lawn grasses and is adapted to almost any ordinary situation. **Price: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.**

Shady Spot Lawn Seed

It is possible to produce a lawn under almost any condition but to do this in a situation where shade predominates the greater part of the time is very difficult. A shady location requires special treatment of the soil and in almost every shady spot lime must be added, but most important is the selection of the seed. **Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 100 lbs., \$50.00.**

"The Ross Bros. Co. gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

Golf Course Mixtures

For Putting Greens and Fair Greens

Both the fairways and greens require a mixture of seed which will bear very close cutting and which will produce a turf of a strong, persistent nature. We offer mixtures which are of the highest purity and germination.

MIXTURE FOR PUTTING GREENS. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.25; 100 lbs., \$60.00.

MIXTURE FOR FAIRWAYS. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$40.00.

Cemetery Mixture

This is especially adapted to light gravelly or sandy soil. **Price: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$40.00.**

Bank and Terrace Mixture

It is mixed from grasses which naturally grow a strong, creeping root and are very valuable in holding the soil in place, preventing serious washouts during heavy rains. The seed starts quickly. **Price: Lb., 55c; 2 lbs., \$1.10; 5 lbs., \$2.65; 10 lbs., \$5.00; 100 lbs., \$45.00.**

Special Mixtures of Grass Seed

In addition to the several mixtures of grass seeds which we list in this catalog, we can supply grass seed in mixtures suitable for almost any purpose or location.

We will also be pleased to name prices on any special formula on request.

Help Uncle Sam and enjoy fresh vegetables from your own garden. Plant a Victory Garden in 1943.

Prices are subject to change without notice.



DIRECTIONS FOR ORDERING

PLEASE USE OUR ORDER SHEET. It will be a help to us in filling your order correctly. If you desire to write us, use a separate sheet of paper. Be sure to give your full name and address on all orders and letters.

KEEP A COPY OF YOUR ORDER. Sometimes customers complain of not receiving goods which were not ordered. If goods ordered do not reach you in a reasonable time, advise us and send us a copy of your order.

HOW TO SEND MONEY. Remittances can be sent safely by Post Office Money Order, Bank Draft, Express Money Order, Check or by Registered Letter. We do accept stamps for small amounts.

Do not send coins loose in an envelope as they may break through. If bills are sent, your letter should be registered.

ORDER EARLY—We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unavoidable. This, however, can be partly overcome if our patrons will send us their orders early.

FREE DELIVERY—All Vegetables Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered **transportation paid** in the United States at prices listed. In making this Free Delivery offer we reserve the right to ship goods by Parcel Post, Express or Freight. Other items of seeds and other merchandise will be sent transportation collect unless otherwise noted in this catalogue.

GRASS AND FIELD SEEDS—All Grass and Field Seeds, Onion Sets and Potatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F.O.B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post if postage is added at parcel post rates.

NOTICE—While it is not our custom to substitute, we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for, if on receipt of any substitute it is not perfectly satisfactory, the same may be returned and money paid will be refunded.

Telegraph your order with Western Union Money Transfer and goods will be shipped same day order is received.

Add Postage to your order as indicated below—
if required.

See Free Delivery on other side.

| Weight | | ZONES | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Lbs. | Local | 1st-2d | 3d | 4th | 5th | 6th | 7th | 8th | |
| 1.... | \$0.07 | \$0.08 | \$0.09 | \$0.10 | \$0.11 | \$0.12 | \$0.14 | \$0.15 | |
| 2.... | .08 | .10 | .11 | .14 | .17 | .19 | .23 | .26 | |
| 3.... | .08 | .11 | .13 | .17 | .22 | .26 | .32 | .37 | |
| 4.... | .09 | .12 | .15 | .21 | .27 | .33 | .41 | .48 | |
| 5.... | .09 | .13 | .17 | .24 | .33 | .40 | .50 | .59 | |
| 6.... | .10 | .14 | .19 | .28 | .38 | .47 | .59 | .70 | |
| 7.... | .10 | .15 | .21 | .31 | .43 | .54 | .68 | .81 | |
| 8.... | .11 | .16 | .23 | .35 | .49 | .61 | .77 | .92 | |
| 9.... | .11 | .17 | .25 | .38 | .54 | .68 | .86 | 1.03 | |
| 10.... | .12 | .18 | .27 | .42 | .59 | .75 | .95 | 1.14 | |
| 11.... | .12 | .19 | .29 | .45 | .64 | .82 | 1.04 | 1.25 | |
| 12.... | .13 | .21 | .31 | .49 | .70 | .89 | 1.13 | 1.36 | |
| 13.... | .13 | .22 | .33 | .52 | .75 | .96 | 1.22 | 1.47 | |
| 14.... | .14 | .23 | .35 | .56 | .80 | 1.03 | 1.31 | 1.58 | |
| 15.... | .14 | .24 | .37 | .59 | .86 | 1.10 | 1.40 | 1.69 | |
| 16.... | .15 | .25 | .39 | .63 | .91 | 1.17 | 1.49 | 1.80 | |
| 17.... | .15 | .26 | .41 | .66 | .96 | 1.24 | 1.58 | 1.91 | |
| 18.... | .16 | .27 | .43 | .70 | 1.02 | 1.31 | 1.67 | 2.02 | |
| 19.... | .16 | .28 | .45 | .73 | 1.07 | 1.38 | 1.76 | 2.13 | |
| 20.... | .17 | .29 | .47 | .77 | 1.12 | 1.45 | 1.85 | 2.24 | |
| 21.... | .17 | .30 | .49 | .80 | 1.17 | 1.52 | 1.94 | 2.35 | |
| 22.... | .18 | .32 | .51 | .84 | 1.23 | 1.59 | 2.03 | 2.46 | |
| 23.... | .18 | .33 | .53 | .87 | 1.28 | 1.66 | 2.12 | 2.57 | |
| 24.... | .19 | .34 | .55 | .91 | 1.33 | 1.73 | 2.21 | 2.68 | |
| 25.... | .19 | .35 | .57 | .94 | 1.39 | 1.80 | 2.30 | 2.79 | |
| 26.... | .20 | .36 | .59 | .98 | 1.44 | 1.87 | 2.39 | 2.90 | |
| 27.... | .20 | .37 | .61 | 1.01 | 1.49 | 1.94 | 2.48 | 3.01 | |
| 28.... | .21 | .38 | .63 | 1.05 | 1.55 | 2.01 | 2.57 | 3.12 | |
| 29.... | .21 | .39 | .65 | 1.08 | 1.60 | 2.08 | 2.66 | 3.23 | |
| 30.... | .22 | .40 | .67 | 1.12 | 1.65 | 2.15 | 2.75 | 3.34 | |
| 31.... | .22 | .41 | .69 | 1.15 | 1.70 | 2.22 | 2.84 | 3.45 | |
| 32.... | .23 | .43 | .71 | 1.19 | 1.76 | 2.29 | 2.93 | 3.56 | |
| 33.... | .23 | .44 | .73 | 1.22 | 1.81 | 2.36 | 3.02 | 3.67 | |
| 34.... | .24 | .45 | .75 | 1.26 | 1.86 | 2.43 | 3.11 | 3.78 | |
| 35.... | .24 | .46 | .77 | 1.29 | 1.92 | 2.50 | 3.20 | 3.89 | |
| 36.... | .25 | .47 | .79 | 1.33 | 1.97 | 2.57 | 3.29 | 4.00 | |
| 37.... | .25 | .48 | .81 | 1.36 | 2.02 | 2.64 | 3.38 | 4.11 | |
| 38.... | .26 | .49 | .83 | 1.40 | 2.08 | 2.71 | 3.47 | 4.22 | |
| 39.... | .26 | .50 | .85 | 1.43 | 2.13 | 2.78 | 3.56 | 4.33 | |
| 40.... | .27 | .51 | .87 | 1.47 | 2.18 | 2.85 | 3.65 | 4.44 | |

LOCAL DELIVERIES

Because of conditions concerning transportation, we can deliver only when accumulated orders and delivery schedule permits our complying with O. D. T. orders. If immediate delivery is wanted we will ship by local truckman at customers expense.

All prices subject to change without notice.

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, which renders it impossible for us to guarantee success.

The Ross Bros. Co. gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

ROSS BROS. CO.

Ross' Lawn and Agricultural Grasses

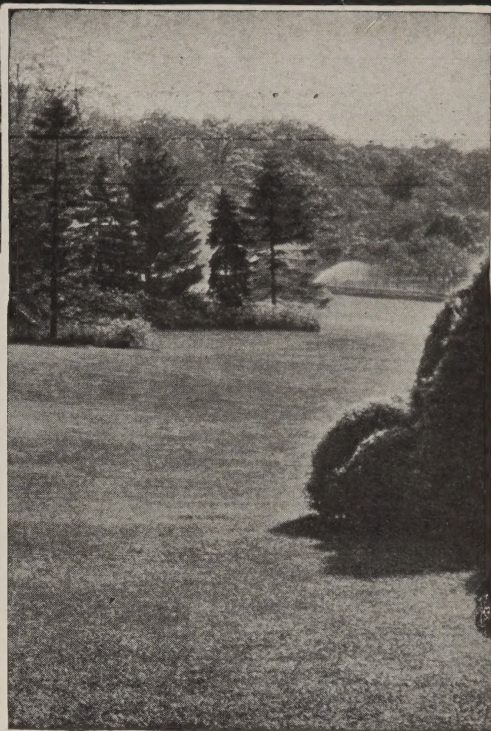
Prices of all Grass Seeds subject to market changes. Prices include bags or sacks unless otherwise noted, 25 lbs. at 100-lb. price.

Bent Grass, Mixed Sometimes referred to as Creeping Bent. Admirably adapted for lawns, also putting greens, tennis courts, etc. Lb., \$2.00; 5 lbs., \$8.75.

Astoria Bent (Botanically the same as Rhode Island or Colonial Bent). Of fine growth, forming a close and permanent sod. One of the best lawn grasses and very desirable for golf courses and polo grounds. Lb., \$1.50; 5 lbs., \$7.00.

English or Perennial Rye Grass (*Lolium perenne*). Of rapid growth and productive; produces a strong growth in 4 to 5 weeks. Lb., 25c; 10 lbs., \$2.25.

Italian Rye Grass (*Lolium italicum*). Thrives on a variety of soils, producing early and large crops. Lb., 25c; 10 lbs., \$2.25.



Consult Us on All Lawn Problems

Kentucky Blue Grass (*Poa pratensis*). One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Sown with white clover, it forms a splendid lawn. Lb., 35c; 10 lbs., \$3.20; 100 lbs., \$30.00.

Kentucky Blue Grass 98% pure. Lb., 45c; 10 lbs., \$4.00; 100 lbs., \$38.00.

Meadow Fescue (*Festuca pratensis*). Largely used for permanent mowing mixtures. Lb., 40c; 10 lbs., \$3.50.

Reed Canary Grass A tall growing water grass, thriving in brooks, ditches, ponds, and marshy tracts of land. It is of good nutritive value. Lb., 45c; 10 lbs. or over, 40c per lb.

Red, or Chewings' Fescue (*Festuca rubra*). Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle 2 to 4 feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns. Lb., 80c; 10 lbs., \$7.50.

Rough Stalked Meadow (*Poa trivialis*). Ideal for shade. It is a perennial and grows in soil that is moist and cool. Cannot supply.

Canadian Blue Grass (*Poa compressa*). A hardy perennial with creeping root-stalks which form a strong turf. Lb., 40c; 10 lbs., \$3.50.

Domestic Rye Grass Used extensively in lawn mixtures. Lb., 20c; 10 lbs., \$1.75.

Red Top, Fancy Recleaned This is one of the best grasses for sowing for immediate effect. Lb., 20c; 10 lbs., \$1.65; 100 lbs., \$15.00.

Red Top Superfine, 98 per cent pure. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb., 45c; 10 lbs., \$4.00.

Worcester Grade Timothy Our Worcester Grade is a seed which is of the highest quality at the start. Taken from the best fields of full ripe seed, we can assure you, that after going through the cleaning process we can guarantee a purity of 99.50 per cent. Lb., 15c; 10 lbs., \$1.10; 100 lbs., \$10.50.



Alsike Clover

Ross' Lawn and Agricultural Grasses



Sweet Clover

The Greatest Soil Renovator, Hay and Pasture Crop

BOKHARA OR SWEET CLOVER (*Melilotus alba*). A native of all parts of the United States and Canada. It is an erect branching biennial plant with woody stems growing the first season 2 to 3 feet high and developing a large root. The second year's growth usually reaches a height of 4 to 7 feet. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

HAY AND PERMANENT PASTURE

The Worcester Special Mixtures of Grass Seed produces wonderful hay crops and pasture, maintaining its cropping qualities for years.

PERMANENT PASTURE MIXTURE FOR MEDIUM SOIL. Aside from permanency, an important requisite is that of continual growth from early spring until fall, and as many varieties as possible should be used which bear constant tramping and continued close grazing. This mixture is prepared with these ends in view. Contains Ladino and White Dutch clovers. 30 pounds to the acre. Lb., 45c; 10 lbs., \$3.75; 100 lbs., \$35.00.

PERMANENT MOWING MIXTURE FOR MEDIUM SOIL. This mixture will produce at first cutting a larger crop and a much heavier aftermath of hay, which, though not like timothy, salable in cities for feeding horses, is, nevertheless, superior for feeding to both cattle and horses. Contains clover. 30 lbs. to the acre. Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$32.00.

No. 1 GRASS SEED MIXTURE. For seeding down use 25 lbs. to the acre. Contains Timothy, Red Top, Medium Red Clover, and Alsike Clover. All domestic seed. Lb., 25c; 10 lbs., \$1.85; 100 lbs., \$16.50.

CLOVER — Ross' Superior

Natural Soil Improvers—Unexcelled for Stock Feeding

ALSIKE OR SWEDISH CLOVER (*Trifolium hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be re-seeded. Lb., 47c; 10 lbs., \$4.20; 100 lbs., \$40.00.

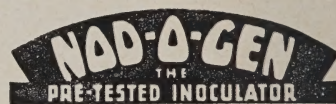
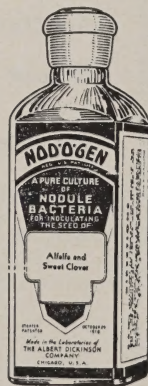
CRIMSON CLOVER (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. Lb., 25c; 10 lbs., \$2.25; 100 lbs., \$20.00.

LADINO CLOVER FOR LOW WET SOILS. It is an ideal pasture plant for cattle, sheep, hogs, etc. Should be sown in early spring or September, using Oats, Timothy or Rye Grass, as a nurse crop. We recommend about 4 lbs. of Ladino clover per acre. Price, \$1.15 per lb.

MAMMOTH RED CLOVER (*Trifolium pratense perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. Lb., 47c; 10 lbs., \$4.20; 100 lbs., \$40.00.

MEDIUM RED CLOVER, AMERICAN GROWN (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in the late summer. Lb., 47c; 10 lbs., \$4.20; 100 lbs., \$40.00.

WHITE DUTCH OR LAWN CLOVER (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best. ¼ lb., 30c; ½ lb., 55c; lb., \$1.00; 10 lbs. or over, 95c per lb.



Nod-O-Gen is a high quality jelly or humus culture of nitrogen-gathering bacteria containing all the essentials for healthy bacterial growth. Nod-O-Gen causes nodules to develop on the roots of legume crops. These nodules gather nitrogen from the air and convert it into plant food, saving plant food in the soil. Full directions accompany each package. When ordering be sure to state what seed you wish to inoculate. Humus type.

- Group 1 Alfalfa and Sweet Clover.
- Group 2 Red, Mammoth, White, Alsike and Crimson Clovers.
 - ½ bu. size 30c
 - 1 bu. size 50c
 - 2½ bu. size \$1.00
- Group 4 Soy Beans. All varieties.
- Group 5 Cow Peas, Peanuts, Lima Beans.
 - 2 bu. size 30c
 - 5 bu. size 55c
- Group 6 Field and Garden Beans (Humus Form only).
 - ½ bu. size 25c
 - 1 bu. size 35c
 - 5 bu. size \$1.50
- Group 7 All Vetches, Field, Sweet and Garden Peas.
 - ½ bu. size 25c
 - 1 bu. size 35c
 - 5 bu. size \$1.50

Garden combination for Peas, Sweet Peas, Garden, String and Lima Beans, 10c.

Add for postage: 5c for garden size; other sizes 10c.

Ross' Old Reliable Seed House

Agricultural Seed Grains

BARLEY

CHEVALIER. A two-rowed variety. Long heads. The grain is plump, nearly white. Cannot supply.

WISCONSIN No. 38. The heads are smooth and no barbs. Excellent for feeding green. Pk., 65c; bu., \$2.40.

BUCKWHEAT

JAPANESE. Entirely distinct from all other varieties. It has the advantage of remaining some time in bloom and produces seed earlier. It resists drought and blight better than most varieties. Pk., 65c; bu., \$2.25.

CANADA FIELD PEAS

CANADA PEAS may also be sown with other grains as well as with oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed. Lb., 15c; 10 lbs., \$1.10; 100 lbs., \$10.00.

COW PEAS

WHIP-POOR-WILL. A medium-early variety, very desirable for a forage crop and for rebuilding worn-out land. A very prolific yielder and the most commonly used variety for planting broadcast. Cannot supply.

DWARF ESSEX RAPE

It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth. Lb., 25c; 10 lbs., \$1.80; 100 lbs., \$16.00.

SOY OR SOJA BEANS

BLACK WILSON. Medium size, black seed. Considered the best all-around variety for the North. Of rather upright growth, with a good amount of foliage and a slight tendency to vine on fertile soil. Matures seeds in 125 days and is ready for cutting in 110 days. A heavy seed producer. Pk., 85c; bu., \$3.10.

MANCHU. Matures in about 110 days and is the most popular early variety. Plants erect and bushy, producing large crops of dry forage and seed. Seed light yellow with a black scar. Pk., 90c; bu., \$3.35.

SUDAN GRASS

Sudan Grass is strictly an annual and dies each year like millet. From seven to nine feet high, with very small stems. Stock prefer it. Sow 10 to 15 lbs. per acre. Lb., 12c; 10 lbs., 85c; 100 lbs., \$7.50.

MAMMOTH RUSSIAN SUNFLOWER

Produces very heavy yields per acre for silage or grown for its seed. Valuable for feeding. Lb., 15c; 100 lbs., \$12.00.

MILLETS

HUNGARIAN (Hungarian Grass). An excellent food for horses when cured. Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color. Lb., 12c; 10 lbs., 85c; 100 lbs., \$7.75.

GOLDEN. This variety is extensively used throughout the United States. It is sown at the same time and at the same rate per acre as the common Millet. Grows more vigorous, gives a much larger yield of hay than common Millet. Lb., 12c; 10 lbs., 75c; 100 lbs., \$6.50.

JAPANESE (Panicum frumentacea). It is entirely distinct from all other Millets. Grows from 6 to 9 feet high, stands up well, and yields enormous crops. Lb., 12c; 10 lbs., 65c; 100 lbs., \$5.75.

Use
Inoculation
for All
Legumes—
It Pays



Dwarf Essex Rape

Soy or Soja Beans

A great soil enricher, gathering nitrogen from the air. Produces enormous crops as far North as Canada, ripening seed as far as Massachusetts. Especially valuable (in combination with millet and fodder corn) for ensilage, supplying the albuminoids or flesh-forming food.



Soy Beans



Sudan Grass

Agricultural Seed Grains



Ross' Best Grimm Alfalfa

Alfalfa - Dependable Varieties

The Farmer's Hay Insurance
Sow 15 to 25 lbs. per acre.

As a soil builder the Experiment Stations tell us that it adds twice as much nitrogen to the soil as the average acre of Red Clover.

GRIMM. Only a few strains of Alfalfa equal, and none excel true Grimm Alfalfa in hardiness. It is the safest type to sow wherever there is trouble from winter-killing. Lb., 60c; 25 lbs. or more, 58c per lb.

Rye

SPRING RYE. True stock Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Pk., 80c; bu., \$3.00.

ROSEN WINTER RYE. Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and of beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about one and one-half bushels per acre. Ask for price.

Certified Seed Oats

VICTORY. A tall growing white-kerneled variety which is recommended as a heavy yielder. The straw is stiff and strong enough not to lodge. It was developed at the Svalof Station in Sweden and outyields the Swedish select type. It should not be confused with that variety. Pk., 50c; bu., \$1.65.

Vetch

HAIRY. Can be sown during the spring as well as in the fall, with good results. Used for green feed and plowing under for green manure. Sow at the rate of 30 to 40 lbs. with 1 bu. of small grain. Lb., 22c; 10 lbs., \$1.70; 100 lbs., \$16.00.

Wheat

MARQUIS (Spring Wheat). It has outyielded all other spring Wheats grown under the same conditions of soil and climate, the increased yield being up to 10 bushels per acre; is flinty and dark in color, being almost dark red. It is a beardless variety, having a smooth, yellow chaff. Pk., 95c; bu., \$3.45.

WHITE (Winter Wheat). Sow early in the fall for a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed, coming very early in the spring and staying in condition for feed much longer than spring or winter rye. A productive, bald, white variety, large and plump. Ask for price.

**Use Inoculation For All Legumes—
It Pays**

IMPORTANT SEED OATS

A change of Seed Oats is necessary and the seed should be renewed at least every second or third year. Oats grown on the same soil, year after year, deteriorates and soon becomes light, chaffy and unprofitable to grow.

Field Seed Corn

Varieties That Fill the Silo
With Extra Good Yields

Ross' Genuine Eureka Ensilage Corn

Has a Record of Producing More Tons Per Acre Than
Any Other Ensilage Variety

The Eureka is a large kernel white corn introduced by Ross Bros. fifty years ago and we still offer the genuine Eureka, which is superior to many varieties sold under this same name.

For the protection of the planter, Eureka comes put up in trade-marked bags and our suggestion is that you accept your Eureka Seed Corn in no other package.

Hardy and rugged characteristics; Eureka Corn germinates surprisingly well in cold, wet springs, and today farmers everywhere heartily approve planting the Ross Genuine variety of Eureka Corn. $\frac{1}{2}$ pk., 70c; pk., \$1.25; $\frac{1}{2}$ bu., \$2.25; bu., \$4.25.

Worcester County Sweepstakes

Grow 12-15 feet tall.

It is a big yellow Dent Corn, stalks very large, $1\frac{1}{2}$ to 2 inches in diameter, growing 12 to 15 feet high; foliage is long, broad and heavy, starting well down to the ground with an abundance of leaves and produces 15 to 25 tons per acre. $\frac{1}{2}$ pk., 65c; pk., \$1.15; $\frac{1}{2}$ bu., \$2.20; bu., \$4.10.

Westbranch Sweepstakes

Matures in 100 days.

One of the finest for silage, the stalks grow 10 to 12 feet high and are completely covered with leaves. The ears are 12 to 15 inches long and 14 to 18 rows. The color is yellow shaded with red. Mature in 100 days. $\frac{1}{2}$ pk., 65c; pk., \$1.15; $\frac{1}{2}$ bu., \$2.15; bu., \$4.00.

Ross' Hybrid Sweepstakes

For Ensilage and Husking

A hybrid obtained by combining different inbred strains of Dent Corn. It makes a quick vigorous growth, producing the maximum amount of feed possible in a short season. Its tall, thick stocky stalks stand up in storms that blow other varieties down. Leaves wide, close together and stay green after the ears ripen. It has yielded as high as 29 tons of silage per acre here in New England. $\frac{1}{2}$ pk., \$1.00; pk., \$1.75; bu., \$6.65.



Eureka Corn

Improved Leaming

It ranks as one of the early dent corns, has a very heavy stalk, growing 12 to 13 feet high and very leafy. The ears are 8 to 10 inches long, filled with medium sized but deep kernels. Pk., 90c; bu., \$3.40.

Sweet Fodder

Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules. 10 lbs., \$1.00; 100 lbs., \$8.00.

Early Canada Flint

An early 8-rowed variety; stalks about 6 ft., ears 8 to 9 inches. This strain is a decided improvement over the old Early Canada Flint. $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$4.15.

Longfellow Flint

This, for a long time, has been very popular in southern New England. Ears are 8-rowed and of remarkable length—12 to 14 inches, with occasionally one 15 inches. Stalks are considerably taller than the Improved Canada, but not so large but that they make excellent and easily handled dry stover. Cannot supply.

ROSS' SWEET CORN

One pound of seed will plant 200 hills or 300 feet of row; 10 to 12 pounds will plant an acre.

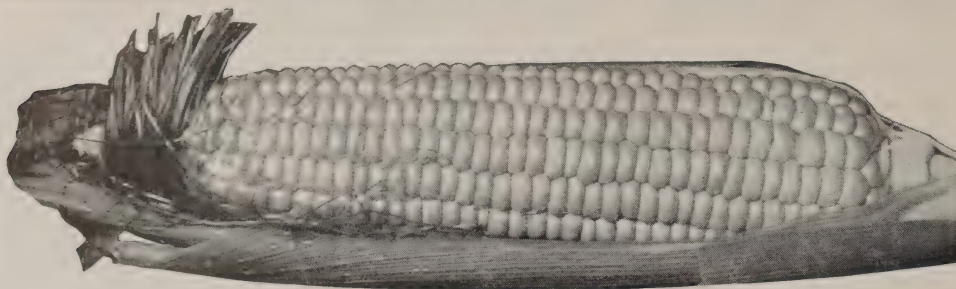
Best Yellow Varieties

Bantam Evergreen (Yellow). A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot shorter than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Improved Bancross Outstanding variety, very heavy producer, large eared and about five days earlier than Golden Cross Bantam, having all of the qualities of the Bantam and in addition, earliness and larger size. We are inclined to think that this variety will soon be a rival of Golden Cross Bantam. Pkt., 15c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 40c per lb.



Golden Sunshine Sweet Corn



Market Hybrid

Exceptionally
Vigorous
and Blight
Resistant

***Golden Cross Bantam** Introduced jointly by the U. S. Dept. of Agriculture and Purdue University Agricultural Experiment Station. Excellent for market gardeners. Highly resistant to Stewart's disease and very prolific. Stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, slightly lighter yellow than Golden Bantam. Pkt., 15c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 40c per lb.

***Golden Early Market** Most Outstanding Development of the Yellow Kernel Type. Ears 7 inches long containing 8 to 12 rows of creamy yellow kernels. Ripens in 75 days. One of the best early yellows for home and market gardens. Pkt., 15c; 1 lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Golden Bantam A favorite with all who have grown it. The most famous Sweet Corn in the world today. It is the richest and sweetest of all varieties of Sweet Corn. Golden Bantam is dwarf, the stalks are usually 5 to 6 feet high, and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area. We recommend planting Golden Bantam every ten days during the planting season and you will be assured of a continuous supply of the best sweet corn. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Golden Giant This is a cross between Golden Bantam and Howling Mob. Winner of the silver award for novelty excellence at Massachusetts Horticultural Show. Gives four times the yield per acre and twice the size of Bantam. Rich in color. Pkt., 15c; 1 lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Golden Sunshine The value of this variety lies in the fact that it matures several days in advance of the well-known Golden Bantam. The ears are very compact, about the same size of Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grain. It is a very rapid grower. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

***Market Hybrid** Outstanding Qualities—One of the Best Extra Early Hybrids. Market Hybrid, according to trials this year, was about a 70- to 72-day corn, stalks about the height of Golden Early Market, 4 to 4½ feet; ears 6 to 7 inches long, 12- to 14-rowed, covered with thick husks; excellent quality. We consider this to be one of the very best extra-early hybrids. We believe that if given a trial on good rich early land this will be a valuable market garden variety. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs. or over, 30c per lb.

Marcross 6x13 We consider this the earliest large-eared hybrid. This variety has proven very prolific, very vigorous in growth and for such an early variety produces quite large ears. Pkt., 15c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 40c per lb.

Whipple's Early Yellow Twice the size of Golden Bantam and matures about the same time, grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Quality is unequalled. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over 26c per lb.

White Varieties

Country Gentleman Medium size, with irregular rows of very deep and slender kernels and small cob. Sweet and tender, not surpassed in quality by any other variety with white kernels. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Early Crosby (New England Strain). The most popular second early strain in New England, largely grown elsewhere. Ears are intermediate in size, especially attractive and distinct, having rather small, almost square kernels packed so closely on the cob that there is no space between the rows, as with other varieties; has always twelve or more rows and tip is completely covered. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

Stowell's Evergreen The best known and most largely planted of all varieties. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. Yields large ears and long, deep kernels, with rich sugary flavor and long keeping qualities. It is the standard late sort. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Black Mexican

A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 22c per lb.

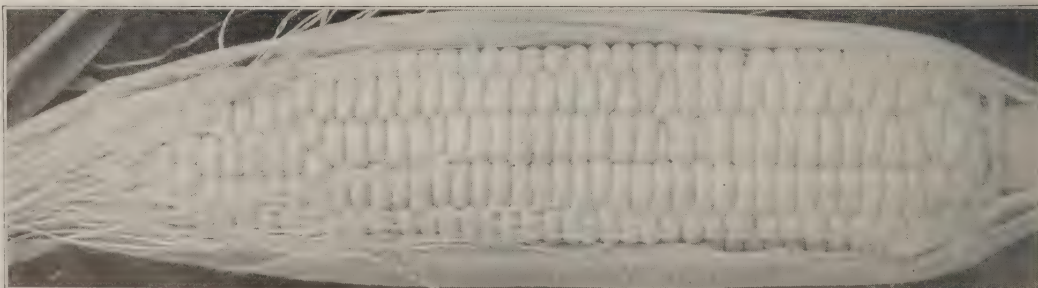
Delicious Pop Corn for Planting

White Rice This productive rather late kind supplies delicious popped corn. The plant is vigorous and grows 24-rowed ears, 5½ inches long. Pkt., 15c; lb., 25c; 10 lbs. or over, 20c per lb.

Dwarf White Hullless Dwarf variety used extensively by Popcorn vendors. Kernels similar in color and shape to the older types of White Rice. Dwarf growing habit. Ear about 2 to 3 inches long. Matures in about 65 days. Pkt., 15c; lb., 30c; 10 lbs. or over, 25c per lb.

Golden Early Market

Sweet
Tender
Delicious



Ross' Tested Vegetable Seed



Our prices have been reduced to the lowest point, consistent with the production of good quality seeds. The varieties of vegetable seeds offered on these pages are the best and most popular varieties in their respective classes, as required for the Ross standard of excellence.

ASPARAGUS

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

Mary Washington This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk from base to tip is remarkably tender. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c.

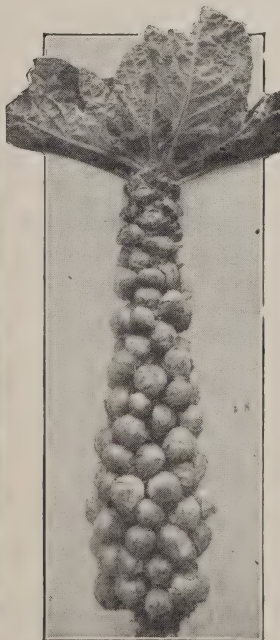
ASPARAGUS ROOTS

The easiest way to obtain an asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, 2-year roots a bearing bed may be had in 2 years. We can furnish strong, selected roots of the variety listed, 50 in a bunch, at the following prices:

MARY WASHINGTON. Doz., 35c; 50 for \$1.25; 100 for \$2.25, postpaid. By express, 100 for \$2.00; 1000 for \$15.00.



Mary Washington



Brussels Sprouts

ARTICHOKE

Green Globe Perennial, large-flowering heads, cooked like asparagus. Matures second year; not hardy in the North. Cannot supply.

BRUSSELS SPROUTS

1 oz. will produce 3000 plants.

Long Island Improved A very hardy plant of the cabbage family, in this section may be left in the ground up to December. The plants of the Long Island strain do not grow up very tall but are covered from the ground up with large solid sprouts. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

BROCCOLI

Italian Green Sprouting (Close Heading.) Planted and used the same as cauliflower, bluish green color, largely used by market gardeners. The plants require plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Broccoli takes longer to mature than cauliflower, allow 2 or 3 weeks more. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

White Cape Very white, sure to head. Resembles a coarse cauliflower, but withstands greater extremes of temperature. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

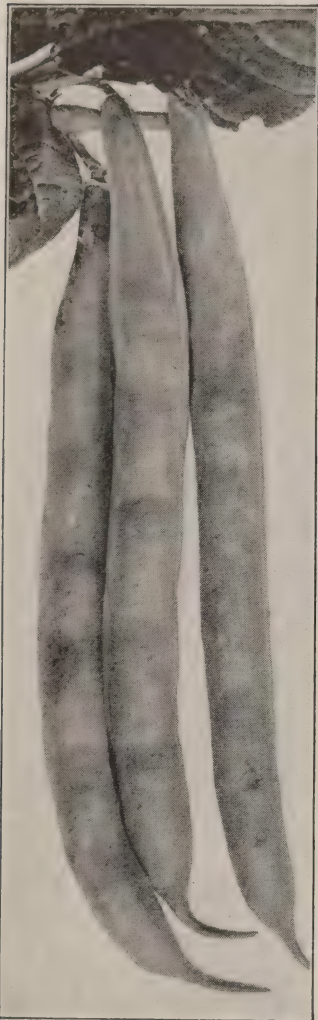


Broccoli, Italian Green

BEANS *for the Home Garden*

1 lb. will plant 100 feet of drill; 60 to 90 lbs. will plant an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the seedsman if beans fail to germinate. Plant the dwarf varieties in drills 2 to 3 feet apart, about 2 inches deep, and thin plants 4 to 6 inches apart. Give frequent, shallow cultivation until time of blossoming.



Bountiful Beans

Dwarf Wax or Butter Beans

Black Wax One of the best for a home garden, perfectly stringless and of excellent flavor. Pods are medium size, round and of a clear waxy white color. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

***Brittle Wax** One of the best early varieties. The pods are round and long, often six inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Improved Golden Wax An old, well known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

***Pencil Pod Black Wax** Best of all the dwarf black-seeded wax beans. It is early and productive, bearing rich yellow, nearly straight, round pods $5\frac{1}{2}$ to 6 inches long. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Round Pod Kidney Wax Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Pods are long, very white and waxlike; uniformly perfect in shape and vine is very productive. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Sure Crop Stringless Wax Clear amber, stringless pods. Ideal for the home or market gardens. Strong grower, dependable cropper. An absolutely stringless, rust-proof wax-pod, bush bean. Pods 7 to 7 $\frac{1}{2}$ inches long, about half an inch in diameter, and a beautiful rich yellow color. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Dwarf or Bush Green Podded Sorts

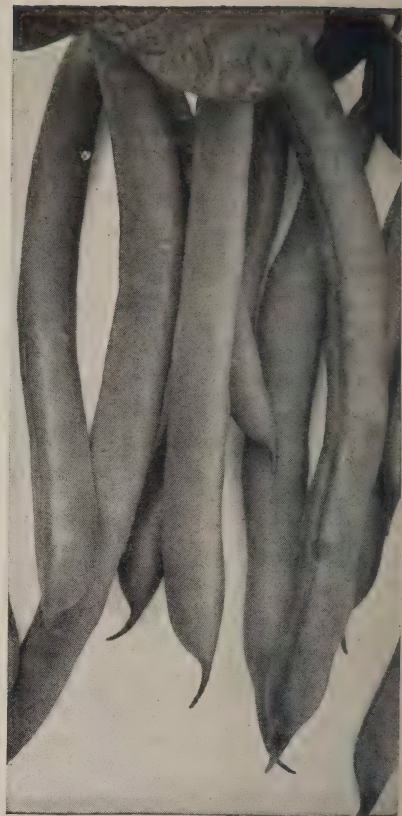
***Bountiful** Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, flat but thick and meaty, stringless and tender. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Giant Stringless Green Pod Makes an excellent succession to Burpee's Stringless Green Pod when planted at the same time. The plants are of strong growth; pods slightly curved, quite meaty, being broadly rounded and saddle backed; brittle and stringless at all stages. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Tendergreen (Ross'). There's a profusion of exquisitely tender green pods. A green podded bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop of early beans. Early, prolific, stringless. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Improved Yellow Eye One of the best sorts for baking; extremely productive and of superior quality. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 20c per lb.

Red Kidney Large red kidney-shaped Beans of excellent quality. The old-fashioned baking Bean. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.



Giant Stringless Green Pod

*Don't
Forget!*

To get a summer-long supply of this delicious vegetable, sow seeds every two weeks. Order sufficient seeds now for your season's needs.

Boston Small Pea More largely used than any other variety for baking. Choice select. Pkt., 15c; lb., 25c; 2 lbs., 45c; 10 lbs. or over, 18c per lb.

Burpee's Green Pod Stringless A very desirable dwarf podded snap sort for the home garden and largely grown for the market. Pods medium green, 5 to 6 inches long. Seed of medium size and length, yellowish brown. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Dwarf Horticultural Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell beans and are then very attractive. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***French Horticultural** The vines are compact and of upright growth; almost always sending out runners to a height of 1 $\frac{1}{2}$ to 2 feet, but do not climb a pole and are not of sufficient length to affect the bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very prolific. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

English Broad Bean

Broad Windsor An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, 3 to 4 inches deep in rows 3 feet apart, and plants 1½ feet apart in row. Dry beans very large and yellowish green. Pkt., 15c.

Dwarf Lima Beans

1 lb. will plant about 50 hills.

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the Beans, eyes down, every 2 inches. Cover about 2 inches deep. Thin to 6 inches. Note: In very wet weather Bush Lima Beans will sometimes send out runners about 2 feet long.

Henderson's Bush Lima A bush bean of the Sieva Lima type. Beans small but vine is productive and bears early. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Burpee's Improved Bush Lima A distinct strain. The earliest, largest, and the best of all large Limas. This new strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more beans, while both pods and beans are much larger and thicker. While the beans are as large as those of the large Lima, the crop of the Improved is ready for gathering from 8 to 10 days earlier. In quality the beans are equal to any, being thin-skinned, juicy and of fine flavor. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Fordhook Bush Lima One of the leading varieties of Bush Lima Beans. The plant is of stiffly erect habit, the beans are much larger and of superior quality and even when full size are juicy and of fine flavor. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.



Kentucky Wonder Wax Bean

Pole or Running Lima Beans

1 lb. will plant about 100 hills.

Seibert's Early Lima The earliest variety; the pods are short and rarely contain more than 4 beans, the total yield compares very favorably with other varieties. Pods are opened easily, owing to the fact that they are very thin. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

King of the Garden Lima Earlier than the Large Lima, and the pods are longer and often contain 5 beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Beans, Pole or Running, Wax Podded Sorts

1 lb. will plant about 100 hills.

Pole Beans require considerable care. They are, when properly grown, of long bearing period, more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Set in rows about 4 feet apart, preferably running north and south, allowing about 3 feet between the poles in the row. Plant 6 to 8 beans around each pole and thin to 3 to 4 plants.

Golden Cluster Wax Pods long, broad, thick and fleshy; borne in clusters, creamy white to golden yellow; of best quality. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

★ **"Kentucky Wonder Wax"** This Pole Bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Beans, Pole or Running, Green Podded Sorts

Don't Forget—Nod-o-gen for Beans

★ **Kentucky Wonder or Old Homestead** Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a string bean. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Scarlet Runner Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 26c per lb.

Worcester Mammoth Horticultural This variety, while similar in general character to the Horticultural Pole, is much superior in several ways. The beans, though closely resembling those of the common strain, are much larger. Its strikingly handsome pod combined with its great size are both features of excellence which recommend it. Added to these excellent qualities are those of thrifty, vigorous growth of vine and great productiveness, all making it a variety especially desirable to the market garden. It easily brings a higher price in the market than any other, and is not excelled by any other sort for the home garden. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

OUR GOVERNMENT ASKS YOU

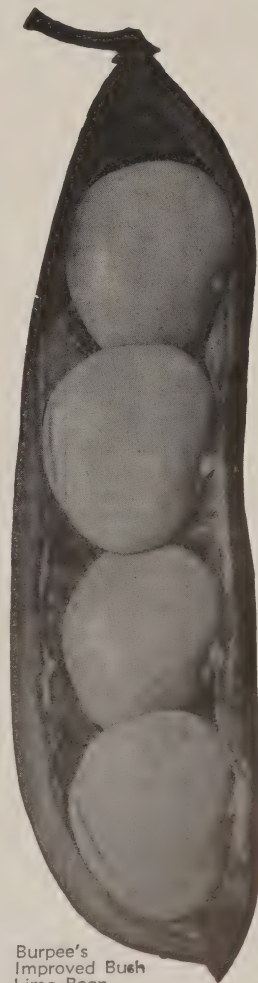
to plant a garden this year for Victory.

Plant Ross' seeds to win and we suggest your garden include the following summer vegetables:

Wax and Green Beans
Early Wonder Beets
Danvers Carrots
Golden Early Mkt. Sweet Corn
Davis Perfect or White Spine
Cucumber

Copenhagen Cabbage
Globe Radish
Mam. Straightneck Squash
World's Record Peas
Marglobe or John Baer Tomatoes

Everybody knows Ross' Seed Grows.



Burpee's Improved Bush Lima Bean

Beets ROSS' Selected Varieties for Table • Pickling and Canning

An ounce will sow about 100 feet of drill. 5 to 6 pounds required for an acre.

The Beet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and one inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

***Crosby's Early Egyptian Extra Selected Strain** For several years we have given this especial attention and have succeeded in eliminating the light-colored, coarse fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth, a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

***Early Wonder** A new improved Crosby Egyptian Beet. Smooth, dark, red flesh. Extra good for market gardeners. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape and color have created a very heavy demand for this variety. It is grown very extensively for late sowing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Ross' Perfection Selected by us as the best early beet for the market gardener. Nearly as early as the Early Egyptian, but the roots are much thicker and more regular in shape. By careful selection the coarse-fleshed and light-colored specimens have been practically eliminated. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Edmand's Blood Turnip A standard variety used for both second-early and main crop. Of good quality and keeps well. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Dewing's Blood Turnip One of the leading main crop varieties. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



Early Wonder Beet

***Detroit Dark Red** A superior second-early and main-crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Mangel Wurzel or Cattle Beets

The Mangels furnish large quantities of nutritious and healthful food for stock and poultry. Yields 25-30 tons per acre.

1 oz. to 100 feet of drill; 5 lbs. per acre.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop. For winter store in cellar or in pits. Sow 5 to 6 pounds per acre.

The value of Sugar Beets and Mangels for stock feeding is clearly seen in the improved health and condition of the animals. They yield enormously and can be grown at trifling cost.

Mangels make excellent and rich as well as cheap winter feed for poultry.

Golden Tankard It is one of the best of the stock beets grown. It has yellow flesh, very distinct variety, being short with very little tap root and very easy to harvest. Top and neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort. Price, oz. pkt., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

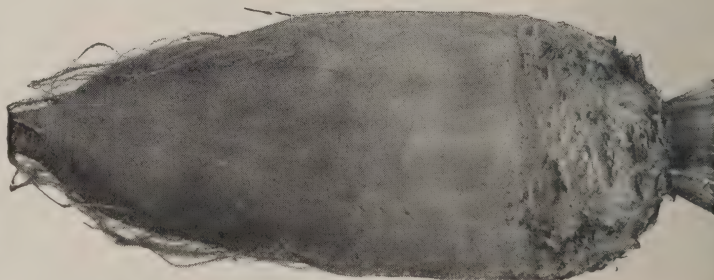
Mammoth Long Red This is truly a mammoth, a single root often weighing 20 to 30 pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, 30 to 40 tons of roots per acre. Oz. pkt., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

Norbiton Giant Long Red Similar to the Mammoth Long Red; has smaller top and neck; flesh scarlet. Oz. pkt., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

Klein Wanzleben

High Sugar Content; Popular with Sugar Beet Growers.

Root is conical, straight and even, large at top and tapering. Contains the largest percentage of saccharine matter. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



Mammoth Long Red Mangel

Ross' Dependable Cabbage

1 pkt. produces 250 plants; 1 oz. produces 3000 plants.

The seed we offer is absolutely new stock from the best professional growers. A heavy rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to cabbage. Early cabbage should be planted under glass in March and transplanted 2 feet apart as soon as ground outside can be prepared. For late plants, sow in hills in open ground in May. Transplant in July. Protect against insects with Slug-shot.

Yellows-Resistant Cabbage

The term, "Yellows-Resistant" Cabbage seed, does not necessarily imply that this seed is to be planted only in soil infested with the Yellows or Wilt. Our Resistant seed has a very high germination test, and produces a hardier plant, a surer producer and yields greater tonnage than ordinary commercial strains.

Danish Ballhead "Yellows-Resistant" Pkt., 10c;
½ oz., 30c.

★**The Early Copenhagen Market** A New England favorite cabbage. Large heads, solid light green, round, excellent quality. The earliest large, round-headed cabbage yet introduced. Matures 68 days after transplanting. It is a very sure heading and uniform variety of hardy and compact growth. The heads are 7 to 8 inches in diameter and weigh 3 or 4 pounds. Pkt., 10c; ½ oz., 30c; oz., 50c.

All Seasons This cabbage is remarkable for its ability to stand hot sun and dry weather and remain a very long while in condition for use. Intermediate in season, requiring 89 days to mature. The plant grows vigorously and in somewhat spreading form. The head is large, firm and solid, very white and has a small heart. It is broad-oval in shape, 8 inches deep, 10 to 11 inches wide and 9 or 10 pounds in weight. It is crisp, sweet and tender. Pkt., 10c; ½ oz., 30c; oz., 50c.

Early Jersey Wakefield Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical, and a sure header. Pkt., 10c; ½ oz., 30c; oz., 50c.

American Improved Savoy The best of the Savoy type, which should be more largely grown. Pkt., 10c; ½ oz., 30c; oz., 50c.

★**Danish Ballhead** (Ross'). This short-stemmed type is popular on account of the great solidity and weight of the head; it is a strong, vigorous grower, producing large round, compact heads, almost as hard as iron, weighing when trimmed fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring. Pkt., 10c; ½ oz., 30c; oz., 50c.

Golden Acre (Danish Grown). An extra early selection of the Copenhagen type, and the earliest of the round-headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. We believe it to be the earliest cabbage in existence. Pkt., 10c; ½ oz., 35c; oz., 60c.

Penn State Ballhead Originated by Dr. Meyers of the Pennsylvania State College. It is a short stem variety, medium size heads, very hard and the color a bright green. Pkt., 10c; ½ oz., 35c; oz., 60c.

Premium Flat Dutch An old standard late variety. Head large, flat and solid. Pkt., 10c; ½ oz., 30c; oz., 50c.

Mammoth Rock Red Head larger and more solid than Red Drumhead; reliable in heading. Pkt., 10c; ½ oz., 30c; oz., 50c.

Warren Stone Mason An improved strain of the old Stone Mason. Previous to the introduction of the Danish Ballhead, the most popular variety in New England for main crop. Earlier and more nearly round than the old strain, of medium size, hard, solid and of excellent quality. Reliable and keeps well. Pkt., 10c; ½ oz., 30c; oz., 50c.

Chinese Cabbage

Pe-Tsai Distinct from the cabbage of commerce, somewhat resembling Cos Lettuce; in fact, sometimes called Celery Lettuce. It can be eaten either as a salad or cooked like ordinary cabbage. Culture same as late cabbage. Sow early in July. Pkt., 10c; ½ oz., 30c; oz., 50c.



Copenhagen—Early



Danish Ballhead—Late

CARROTS

Ross' Selection of Superior Table Varieties

CULTURE. Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first.

★ **Chantenay** (Ross'). The Most Popular of All Home Garden Carrots. A popular favorite for its rich orange-red color, its fine grained flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

★ **Danvers Selected Half-Long** (Ross'). It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

★ **Hutchinson** A very large, nearly cylindrical, stump-rooted carrot, 10 to 12 inches in length, good color, and immensely productive. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

Imperator For market and house garden use. Tops medium, but strong enough for good bunching. Flesh rich orange color, extending to center of root, with indistinct core. Pkt., 10c; oz., 35c.

Long Orange Improved Large size, tapering to a point, of deep orange color, and adapted to garden or field culture. A valuable food for stock. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

Large White Belgian Grows one-third out of ground. The portion above ground is green, that below white, large and rather coarse. Used only for stock. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c.



Carrots, Danvers

Celery — Ross' Home and Commercial Strains

An ounce will produce about 10,000 plants.

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about three feet apart.



Golden Self-Blanching Celery

★ **Easy Blanching** The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very brittle and the flavor extremely spicy. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Giant Pascal One of the best for winter use; leaves upright, short and dark green. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Golden Self-Blanching The most popular variety for market, easily blanched, very attractive, of good quality though not equal to some of the green celeries. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

White Plume The earliest and most easily blanched of all varieties, very showy, of good quality. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Winter Queen Of medium height, but stout, thick and heavy, with a larger amount of heart than most other sorts. Of fine quality, more easily handled than the Giant Pascal, and an excellent keeper. One of the best for late winter use. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Celeriac—Turnip Rooted Celery

Sow seed and treat in first stages of growth as directed for celery. Set in rows 2 feet apart and 6 inches apart in the row. When roots have reached a size of 2 inches in diameter they are ready for use. These are boiled, sliced, and eaten with vinegar. To keep through winter, roots should be packed in moist sand or earth.

Large Smooth Prague An improved sort with nearly round roots which have but few side roots. Pkt., 10c; oz., 50c; 2 ozs., 90c.

Cauliflower for Garden and Farm

An ounce will produce 3000 plants

Sow the first week in May, transplant in July. For wintering under glass, sow second and last week in September, transplant into cold frame, give plenty of air in mild weather and cover up in severe. Again, sow in February in a hotbed and transplant in April. Use plenty of rotted manure. Select new ground, as cauliflower rarely succeeds on ground which has been cropped year after year. Plant in rows 20 inches apart and 2 feet between rows.

***Early Snowball** The earliest and surest to head. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt., 20c; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25.

Earliest Dwarf Erfurt One of the earliest varieties; very dwarf. Excellent for forcing.

Early London A well known variety, maturing its head soon after the earliest sorts. Pkt., 20c; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25.

SWISS CHARD

Swiss Chard or Silver Sea Kale Beet Used for greens only. Much superior to other beets for greens. Plants should be thinned to about one foot apart. When the plants have attained full size the stems and mid-ribs are sometimes cooked and served like asparagus. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Giant Lucullus This Swiss Chard or Spinach Beet is prepared for the table in the same manner as spinach; sometimes, however, the mid-rib is prepared like asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground and new shoots will spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large, curly leaves, with thick, light colored mid-ribs which are delicious when cooked and served like asparagus. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

CHERVIL, CURLED

A hardy annual, used for flavoring and garnishing. It is thought by some to exceed even parsley in beauty. Seed should be sown early in the spring and when plants are well rooted, transplant to one foot apart. The leaves will be ready for use seven to ten weeks from planting. Pkt., 10c.

CORN SALAD

Fetticus or Lamb's Lettuce

A hardy, rapid-growing plant, often used in winter as a substitute for lettuce and is sometimes cooked and used like spinach. Pkt., 10c; oz., 30c.



Swiss
Chard,
Giant
Lucullus



Chicory



Early Snowball Cauliflower

CHICORY

Witloof or French Endive Esteemed as a salad plant. Spring-sown seed produces parsnip-like roots by November. Cut the leaves off $1\frac{1}{2}$ inches from the neck, trench $1\frac{1}{2}$ inches apart, cover with soil 8 inches over crown; then place a 2- or 3-foot layer of fresh manure which induces new growth of blanched leaves folded like cos lettuce, which are eaten raw as salad. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

CHIVES

Are a small, hardy perennial plant resembling onion in appearance and growing in clusters. They are grown for the leaves, which are produced freely from early spring, and give a mild onion flavor to sausages, salads, and soups. They can be easily grown in pots at a sunny window during the winter. Pkt., 25c.

COLLARDS

One ounce for about 5000 plants.

Collards are very largely used as "greens" in some parts of the country, especially in the South. They are a form of loose-headed cabbage.

Georgia The most satisfactory variety for general use. Pkt., 10c; oz., 25c.

DANDELION

An ounce will sow 200 feet of drill.
Two pounds to the acre.

Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm.

Improved Thick-Leaved, or Cabbaging A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular tuft. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c.

Cultivated, or French Common A greatly improved strain of the common dandelion. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.

Ciccoria Catalogna, or Italian Dandelion Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. See inside front cover.

CUCUMBERS *for the Home Garden*

One packet of seed will sow 15 hills, 1 ounce 50 hills.

The Cucumber requires well enriched soil, and should not be planted until settled warm weather; in this latitude, seldom before the middle of May. Plant the early, small kinds in hills $3\frac{1}{2}$ to 4 feet apart, the larger varieties 5 to 6 feet. Make the hills broad, use 15 to 20 seeds to the hill, dropping them well apart. Cover with not over an inch of earth, and firm this well with the hoe. If the young plants are attacked by the striped bugs or other insects, dust frequently with air-slacked lime, soot or ashes mixed with road dust, taking care that too much is not used at a time. When all danger from bugs is past, thin to three plants to the hill. Give frequent shallow cultivation as long as vines will permit.

***Colorado** This cucumber grows about 12 inches long and about 3 inches in diameter. The color is dark green. It is just a little shorter than Longfellow and far more prolific. We think it will be one of the leading varieties from now on. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Davis Perfect Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool, refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra-long, white spine Cucumbers. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Boston Pickling For pickling. Its fruit is short, pointed at each end, productive and of superior quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

***Early Fortune** The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease-resistant and very productive. Fruits are uniformly nine inches long, slightly tapering toward each end, perfectly round and of a very dark green color which does not fade in shipping; flesh very thick, firm and crisp, and exceedingly small seed cavity. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Extra Long or Evergreen White Spine Vine productive and comes into bearing soon after the Early White Spine. Popular with market gardeners. Cannot supply.

***Imperator, W. S.** An outstanding variety for shipping, and for market gardeners. Holds its color and firmness when handled long distances. Fruits weigh $2\frac{1}{4}$ pounds; handsome, very dark green color; slightly tapered at both ends; flesh crisp and firm; remains edible for a long time; very few seeds. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Improved White Spine Perfection has been attained in this improvement in the White Spine family. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits, faintly marked with light yellowish shading toward the tip. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Climbing (Black Spine). Vine very vigorous, with especially strong grasping tendrils. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Long Green An old standard variety, very popular for home gardens, but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.



Batavian Endive

English Frame Variety

For forcing in hotbeds and greenhouses

Telegraph The most valuable variety of this class, superior for market. Pkt., 50c.

ENDIVE

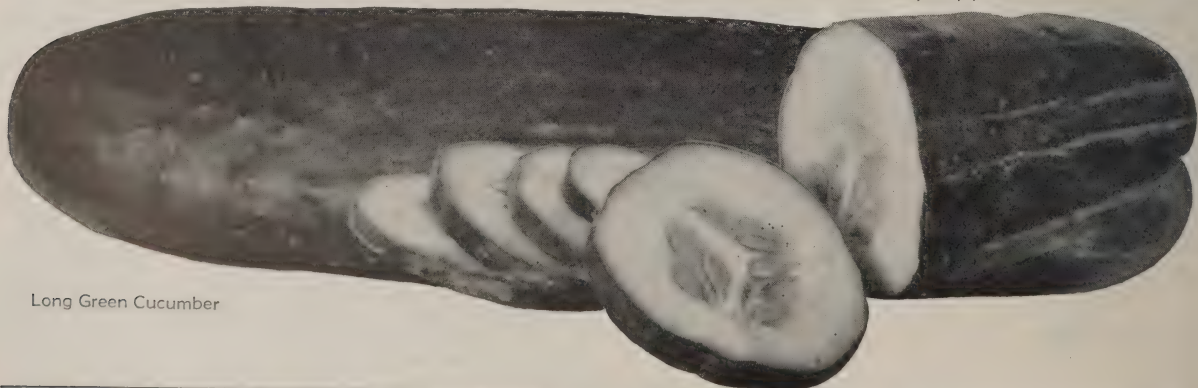
An ounce will sow 300 feet of drill, producing from 2000 to 2500 plants.

Endive, like lettuce, may be grown at any season, but is more generally used in the fall. For early use, sow in April, for later, until July, in drills 18 inches apart, or in beds for transplanting, plants should stand 10 to 12 inches apart in the row. When nearly full grown tie outer leaves over center to blanch the heart, or blanch with boards as with celery.

Moss Curled Of dense growth and finely curled. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Large Green Curled Of large growth, not so much curled as preceding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb. 50c; lb., \$1.50.

Batavian Broad-Leaved (Escarolle). A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white mid-ribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Long Green Cucumber



Black Beauty Eggplant

DILL

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making dill pickles. Plant branching, two to three feet high; leaves very much cut into threadlike segments. Pkt., 10c; oz., 20c; ¼ lb., 50c.

FENNEL (Finocchio)

Florence or Naples Resembles celery in flavor but has a sweet taste and delicate odor. Should be sown in spring in drills 18 inches apart and the plants thinned to 5 or 6 inches apart. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

CRESS, CURLED or Pepper Grass

A small pungent salad plant, much liked by some with lettuce. Like all salad plants, it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer, repeated sowings will be necessary. Pkt., 10c.

WATER CRESS

Hardy plant which can be grown in a pond or along the banks of a running stream. Largely used as a garnish during the winter and early spring months. Cannot supply.

EGGPLANT

An ounce will produce about 2000 plants.

Culture. Plant the seed in March in hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

Long Purple An extra early sort, fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive. Pkt., 10c; ½ oz., 30c; oz., 50c.

New York Improved (Spineless). The favorite variety. Fruit of largest size, rich purple and finest quality. Plant large, spreading and very productive; foliage light green. Pkt., 10c; ½ oz., 30c; oz., 50c.

Black Beauty A valuable variety, ready for use two weeks earlier than any other sort. The fruit is thick and of a rich purplish black color. Pkt., 10c; ½ oz., 30c; oz., 50c.

KOHL-RABI

An ounce will sow about 200 feet of drill.

The edible part is the turnip-shaped bulb formed above ground. Combines somewhat the flavors of cabbage and turnip. Sow in light, rich soil early in spring in rows 1½ feet apart, thin to 6 inches apart in the row. Plantings at intervals of ten days will give a succession until hot weather; when they fail to grow well. Plant the latter part of July for fall use.

Early White Vienna (Extra for forcing.) Extremely early with small tops. Bulbs medium size, very light green or nearly white. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Early Purple Vienna Early with small top, the leaf stems being tinged with purple. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.



Long Pod Okra

HOME GARDEN COLLECTION

| | |
|--------------------------------|----------|
| Beet, Crosby's Early | Pkt. 10c |
| Carrot, Danvers Half Long ... | 10c |
| Sweet Corn, Golden Bantam ... | 15c |
| Cucumber, Long Green | 10c |
| Lettuce, New York Iceberg | 10c |
| Radish, Scarlet Globe | 10c |

Value 65c

One packet each of the above as listed, six varieties, postpaid to any address in the United States, cash with the order 50c.

MUSHROOMS

Brown Bottle Spawn One qt. bottle

will seed an area of 35 to 40 square feet, depending on the size of the piece planted. Bottle Spawn is now shipped, removed from the glass container. Mushroom culture sent with every spawn. Each, 85c; postpaid, 95c.

For Good Crops It Is Important to Plant Ross' Selected Seeds.

KALE OR BORECOLE

An ounce will produce 2000 plants.

Dwarf Curled Scotch Sow in May and transplant in June, and treat generally as for cabbage. Curled, low-growing variety; the leaves, when properly cooked, make very palatable greens. Pkt., 10c; oz., 25c; ¼ lb., 75c.

LEEK

Leeks require rich soil. Sow early in spring in deep drills, 18 inches apart, cover with one-half inch of soil, thin plants to about 8 inches apart. Draw the earth around them as with celery.

American Broad Flag A desirable strong growing, broad-leaved leek, hardy and productive. Favorite with market gardeners and used for the home garden. Pkt., 25c.

Giant Musselburgh A hardy variety of extra large size; leaves fan-shaped, dark green color. Pkt., 25c.

MUSTARD

Used mainly for salads and greens. Sow as early as ground can be worked in drills 18 inches apart and one-half inch deep. Successive sowings every 3 weeks.

White or Yellow The common variety used to flavor pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Southern Giant Curled Large, light green leaves. The best for salads. Pkt., 10c; oz., 20c; ¼ lb., 50c.

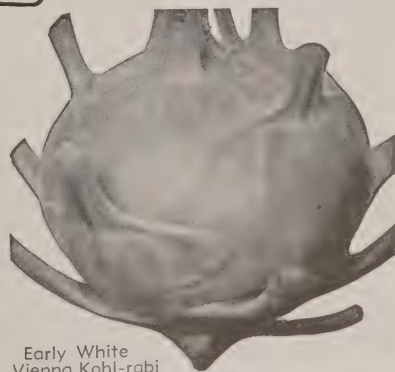
OKRA OR GUMBO

The young seed pods are used in soups or stewed and served like asparagus. Best results would be obtained by sowing seed in the hotbed. Set plants in rows 2 feet or more apart and about a foot apart in the row.

Dwarf Green Early and productive; best for northern cultivation. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Perkins' Mammoth Long Pod

A dwarf but enormously productive variety. Pods long, slender, deep green and remain tender much longer than most sorts. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Early White Vienna Kohl-rabi

LETTUCE

Indispensable for Salads
and Garnishing

An ounce will produce from 3000 to 4000 plants.

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted, as while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing outdoors.

***Black-Seeded Tennisball** More extensively grown in New England than any other variety, both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Green-Leaved Big Boston A cabbage butter head; medium size; medium green. Is practically the same as Big Boston with no tint of brown and the head is of a whitish green. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Black-Seeded Simpson Much larger than the preceding, but not so much curled. Forms a large, loose cluster of leaves rather than a head; leaves light yellowish green. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Crisp as Ice A midsummer variety, surpassing all of this class in crispness, tenderness and fine flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Big Boston White Seeded Probably the most generally used in cultivation. It is a cabbage-head, butter type, medium large, finely shaped, globular, medium light green with slight tinge of brown on margins of outer leaves. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Early Curled Simpson (White-seeded.) An old variety, with broad, often frilled, very curly, light green leaves; sweet, tender, of fine flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Grand Rapids One of the easiest varieties of lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled which have an excellent flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Hanson An old variety of great merit. Large, flat, cabbage-like head, very slow to run to seed. The outer leaves are bright green, with veins of lighter shade, inner leaves white, usually curved and twisted at the base. Grown for home use. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

***Iceberg** The unusual solidity of the heads is insured by the large white main ribs of the leaves, each of which curving strongly into the center, acts like a truss, making it impossible for the leaves to open outward and expose the center, which is consequently thoroughly blanched. The leaves are always crisp and tender. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.



Grand Rapids Leaf Lettuce



New York No. 12 (Dark Iceberg)

May King A very hardy variety of foreign origin, which owing to its hardiness, earliness and large size for a variety of this class, is coming rapidly into favor here, both for outdoor planting and for forcing. Forms compact heads, nearly, if not quite, as early as White-Seeded Tennisball. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Imperial No. 847 (Long Standing Iceberg). This fine lettuce will do well in spring and fall, and is outstanding as a summer heading variety, even during hot weather most every plant will produce a fine solid head. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

***New York No. 12** (Dark Iceberg). Delightful to the eye—crisp, excellent quality. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Prize Head A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Romaine or Cos Lettuce

Distinct from the ordinary lettuce on account of their tender, crisp leaves and delicious flavor.

Paris White Cos One of the finest varieties for summer use. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c.

Information Please!

If you are in doubt as to the best varieties of vegetables for your garden, or where to get the best seed, consult with the nearest agricultural school or experiment station. You will find the men there very able and always willing to give you the necessary help.

Delicious, Sweet Melons, Thick Meated

An ounce will plant about 50 hills. 1½ to 2 pounds are required for an acre.

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with one inch of soil and firm well with the hoe.

★Bender's Surprise (The Bender Melon). A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large salmon-fleshed melon with superior shipping and keeping qualities. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Delicious Best described as an early strain of the Bender melon, a trifle smaller in size. Light green, finely netted, oval fruits. Firm, tender flesh of a beautiful deep orange-yellow color. Pkt., 10c; oz., 25c; ¼ lb., 75c.

★Emerald Gem Small to medium size; skin deep green, generally smooth; flesh thick, rich salmon, not surpassed in richness and flavor. But few varieties are so nearly certain to produce uniformly good melons. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Extra Early Hackensack Above medium size, nearly round; flesh green, a little coarse but juicy, sweet and of good flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Hale's Best New early variety of fine flavor. The rich salmon flesh is very thick, leaving only a very small seed cavity. Fruits are oval-shaped with a heavy netting. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Honey Dew The average size of the melon is six inches in diameter and seven to eight inches in length. The flesh is an emerald-green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific. Pkt., 10c; oz., 25c; ¼ lb., 75c.



Bender's Surprise Muskmelon

★Honey Rock Very prolific and early, almost round, 5 inches across, of medium size, rich salmon flesh of fine quality and ripens uniformly. Sweeter than Rocky Ford but without the sweetness of Honey Dew, fine for home use and market. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Montreal Nutmeg The fruits are of the largest size, often attaining a weight of fifteen pounds. Shape nearly round, flattened at the ends. The flesh is about two inches thick, light green, and of a delicious flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Osage or Improved Miller's Cream Of medium size, oval, dark green, shallow netting; flesh deep salmon, thick, very firm, sweet and of rich flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Rocky Ford More largely grown than any other of the small or basket melons. Oval, slightly ribbed, densely covered with fine netting; flesh green, thick and of rich flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c.

WATERMELONS ANYONE WHO HAS LIGHT, SANDY SOIL CAN RAISE GOOD WATERMELONS

1 oz. will plant about 25 hills; 4 lbs. to the acre.

The culture of the Watermelon is mainly the same as recommended for the Muskmelon; hills should, however, be about 10 feet apart.



Cole's Early Watermelon

Cole's Early Small but very early; of fine quality and sure to mature in any latitude where melons can be grown. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Harris' Earliest A new extra-early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Mountain Sweet An old favorite, early, productive and of good quality. Fruit long, dark green; flesh scarlet. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Peerless or Ice Cream Of medium size, oval, dark green; flesh scarlet, very sweet. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Phinney's Early A standard early variety of medium size, oval, marbled light and dark green; flesh pink, sweet and crisp. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Sweetheart Large, oval, very heavy; rind thin but firm, mottled light and very light green; flesh bright red, tender, melting and sweet. Retains its good qualities for a long time after ripening. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Citron For preserving only. Pkt., 10c; oz., 20c; ¼ lb., 50c.

ONIONS FOR HOME AND MARKET

Salads—Soups—Seasoning—Pickles

1 pkt. will sow 50 ft. of drill; 1 oz. about 200 ft.; 4 to 5 lbs. per acre.

Onions are very healthful and wholesome, probably used more often in the kitchen than any other vegetable, either in connection with other foods for seasoning or in many of the delicious ways to prepare them for their own tempting goodness. Highly prized for their tonic qualities, and doctors everywhere recommend the use of onions in the diet because they are wholesome and nutritious.

Onions are not hard to grow. They like a clean, rich soil. Sow as early as possible in drills 1 foot apart.

Ailsa Craig Of mammoth size, larger than the Prizetaker, oval-shaped, pale straw colored skin; of very mild flavor. Extra large onions can, however, be obtained by sowing seed early in the spring in the hotbed and transplanting to the open ground. Pkt., 10c.

***Early Yellow Globe** This is a yellow, globe-shaped onion with a fine yellow color, a good winter keeper, as its skin is very thick. It will mature three weeks earlier than Danvers and yields very heavily. Pkt., 10c; ½ oz., 30c; oz., 50c.

Southport White Globe Of true globe shape. Later than White Portugal; keeps better and, like all globular varieties, a greater weight can be obtained on the same area. Pkt., 10c; ½ oz., 35c.

***Yellow Globe Danvers** The standard variety for winter use in the eastern markets. Produces well-ripened bulbs, averaging two inches in diameter. Skin light golden brown or pale yellow, flesh pure white, crisp, and mild in flavor. The plants have very slender necks, and consequently the bulbs keep well over winter. On account of their attractive shape and color and their excellent keeping qualities, they always bring a good price in the markets. Selected strain. Pkt., 10c; ½ oz., 30c; oz., 50c.



White Globe Onion Sets

ONION SETS

1 lb. will plant 100 feet of row; 250 to 335 lbs. per acre.

We do not deliver Onion Sets free, purchaser pays transportation. Onion Sets weigh 1 pound per quart. For parcel post zone rates see back of order blank.

These sets will provide small green onions in 2 to 3 weeks after planting seeds, and are an important crop to precede the seed-sown varieties. They mature large onions much earlier than can be grown from seed. May be planted in early spring as soon as danger of freezing is past.

White Globe Lb., 35c; 4 lbs., \$1.20; 10 lbs., \$2.80.

Yellow Globe Lb., 35c; 4 lbs., \$1.20; 10 lbs., \$2.80.

Egyptian or Perennial (For delivery in September,) Lb., 25c; 4 lbs., 80c; 8 lbs., \$1.40.

Special Prices On Bushel Lots.



Onion,
Prizetaker

White Portugal or Silverskin An early white, flat variety, of medium size and mild flavor. Pkt., 10c; ½ oz., 45c; oz., 80c.

Large Red Wethersfield The standard red variety. Bulb large, flattened but thick; skin deep purplish red. The best of all for light soils. Pkt., 10c; ½ oz., 30c; oz., 50c.

Prizetaker Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm. Very fine grained and of mild delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt., 10c; ½ oz., 50c.

PARSLEY For Seasoning, Garnishing

One ounce will sow 200 feet of drill.

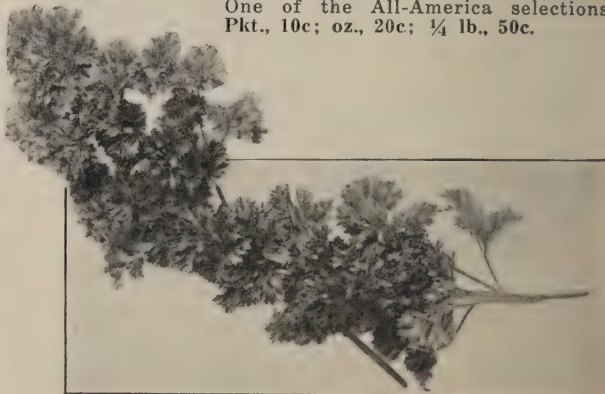
Always required for garnishing, also used for flavoring soups and stews and in salads.

Culture. Sow early, seed is slow to germinate; early radishes can be sown in same row and will be used before parsley is up. A rich soil is best, but parsley will thrive in any soil.

Champion Moss Curled This is a prize winning English variety. Handsome, compact plants. Leaves have the appearance of finely curled moss. Hardy and slow to run to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Plain Leaf The leaves of this variety are flat, deeply cut but not curled. Desirable for flavoring soups and stews, and for drying. The curled sorts are more extensively used for garnishing. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Paramount One of the best Triple Curled Parsleys we have ever seen. The leaves are a beautiful dark green, very finely curled and extremely uniform. One of the All-America selections. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Champion Moss Curled Parsley

Good Garden Peas

Sweet and Tender Varieties

Inoculate This Seed With NOD-O-GEN.

One lb. will plant about 100 ft.; 70 to 85 lbs. an acre.

Peas of the extra early, smooth class are first to be planted in the spring. The wrinkled sorts follow later, as they are not quite so hardy. The tall, late varieties need brush, wire or some other support. Though light, warm soil is desirable for the extra early varieties, peas generally produce a much larger crop on soil which is moderately heavy.

Plant the early and dwarf varieties in drills $2\frac{1}{2}$ feet apart and 3 or 4 inches deep, cover with only 1 inch of soil and fill the trench gradually as plants grow. Plant the taller and later varieties in rows 3 to 4 feet apart and 5 to 6 inches deep, covering as already suggested. The tall, late varieties, plant in double rows.

Extra Early Dwarf Varieties

Dwarf Telephone or Daisy Pods large; peas wrinkled, sweet and tender, a heavy bearer. Height, 18 inches. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

***Blue Bantam** An Extra Early Dwarf Producer. The best early dwarf wrinkled peas. It is unequalled for combination of extreme earliness, superb quality and unusual productiveness. Vigorous vines average 15 inches in height and carry extra heavy crops of long, deep bluish green pods. Pods measure 4 to $4\frac{1}{2}$ inches long, tightly packed with 8 to 10 large deep bluish green peas. A rough recommendation tested and proved for its fine quality. Price: Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

***Giant Podded Hamper** Large pods $4\frac{1}{2}$ to 5 inches long, dark heavy vines about 22 inches high, maturing in 65 days. One of the heaviest yielding early peas grown. Pkt., 15c; lb., 35c; 2 lbs., 65c.

***Laxtonian** A Grand Early Marrow Dwarf Pea. Vigorous and Dependable Grower. The pods are not only large, but are always well filled with peas of great size and remarkable good quality. The crop is ready for use about a week later than the earlier sort. The vines grow 18 inches high and each pod contains 8 to 9 peas. Price: Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

Laxton's Progress A New Dwarf Variety, 18 Inches Tall. Ready a few days earlier than Laxtonian. Pods 4 inches long with 8 to 10 large sweet peas. Vines average 18 inches in height, bearing heavy crops in 53 days. Price: Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

Little Marvel A prolific early dwarf garden pea. Recommended to the home gardener. Pods average 3 to 4 inches long. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Nott's Excelsior Extra early dwarf growth. Excellent for home garden; hardy and vigorous, and will mature in 60 days. The pods are filled with 7 to 9 large peas, superior in sweetness and quality. Large and vigorous vines bearing an enormous yield. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Peas, Giant Podded Hamper

Extra Early Varieties—Taller Growth

Alaska Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height, $2\frac{1}{2}$ feet. Foliage and pods light green; pods $2\frac{1}{2}$ inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Rogers' Gilbo** The vines grow about 2 feet high. Pods are $4\frac{1}{2}$ to 5 inches long, and will mature in about 69 days from planting. This pea is very hardy so can be planted earlier than other wrinkled sorts. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

Gradus A remarkable variety, combining earliness and peas of largest size and best quality. Mature soon after Nott's Excelsior. Vine resembles the Telephone but is only 3 to $3\frac{1}{2}$ feet high on rich land; productive. Pods 4 inches long, straight, slightly curved at end, light green, well filled. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Market Surprise This is a smooth seeded sort, and, like all of the class, may be planted very early. It is the earliest maturing variety to date, vines growing to a height of about 30 inches, bearing abundantly pods 3 to $3\frac{1}{2}$ inches long, well filled with peas of the finest quality. Every garden, large or small, should give this new sort a trial. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Thomas Laxton Vine of about the same height as the Gradus, of similar habits but much darker, harder and more productive. More attractive and better filled with peas as large and equal in quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Ross' World's Record A large, early wrinkled pea with pods $3\frac{1}{2}$ to 4 inches long. The pods are well filled with peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 to 5 days before Gradus. A variety which should be in every garden. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs. or over, 31c per lb.

Second-Early, Medium and Late Varieties

Alderman This midseason pea, tall growing, is of English origin, and a few days later than the "Improved Telephone." Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Champion of England Vine $4\frac{1}{2}$ to 5 ft. high; productive. Pods $2\frac{3}{4}$ to 3 inches long, broad, well filled. Peas of medium size. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

***Improved Telephone** Extensively grown. Vine $3\frac{1}{4}$ to 4 feet. Productive on good soil. Pods large. Peas above medium size, of best quality. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.

Sutton's Excelsior The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs. or over, 24c per lb.



Blue Bantam

Ross' Giant SELECTED PEPPERS

An ounce will produce from 1500 to 2000 plants.

Sow in hotbed in March or April; transplant in open ground when all danger of frost is over, in rows 3 feet apart and 2 feet apart in the row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

Bell or Bull Nose Large, bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling. Pkt., 10c; ½ oz., 30c; oz., 50c.

Harris Early Giant The earliest known pepper and for the far North the most desirable. Plant very dwarf and compact in growth and extremely productive. Fruit 3-lobed, 3½ inches in length by 2½ inches in diameter, very mild and sweet. Pkt., 10c; ½ oz., 30c; oz., 50c.

California Wonder A midseason variety, mild and sweet, about 4½ inches long by 4 inches in diameter. Heavy walls, bright green changing to brilliant crimson. Pkt., 10c; ½ oz., 30c; oz., 50c.

Long Red Cayenne Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent. Pkt., 10c; ½ oz., 30c; oz., 50c.

Neapolitan A great market variety on account of its earliness and productiveness. Grows about 3½ inches long and is remarkably sweet. Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Cherry Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Chili Pkt., 10c; ½ oz., 30c; oz., 50c.

Ruby Giant A hybrid of Ruby King and Chinese Giant. It combines the large size of Chinese Giant and the productiveness, shape and color of the Ruby King. The flesh is thick, mild and sweet. Often 5 inches long. Pkt., 10c; ½ oz., 30c; oz., 50c.

Squash or Tomato Shaped Fruit flat or tomato-shaped and somewhat ribbed; flesh thick and slightly more pungent than other large sorts, early and sure to mature. Pkt., 10c; ½ oz., 30c; oz., 50c.

Sweet Mountain Fruit very large, often 8 inches long by 2 inches in diameter. Flesh thick, sweet and mild. Pkt., 10c; ½ oz., 30c; oz., 50c.



Windsor "A"
Pepper

Windsor "A" It is a thick-walled type, very desirable for home or garden use. The plant is of medium height and very prolific. The fruits are sweet, smooth, thick meat and very little wrinkled or furrowed, mostly three-lobed, occasionally, however, blunt-pointed without lobes. This pepper has the advantage of being extremely early and having a very heavy first set of fruit. Pkt., 10c; ½ oz., 30c; oz., 50c.

World Beater Large, smooth, beautiful Peppers. Mild flavor, very early to ripen. Very prolific. Pkt., 10c; ½ oz., 30c; oz., 50c.

Two Excellent Peppers—Ruby Giant and Windsor "A"

HEAVY BEARING PEANUTS

Spanish The best variety. An early, heavy bearer; bushes growing close, so very easily cultivated. Best re-cleaned seed stock. Pkt., 10c; lb., 40c, postpaid. By express, 10 lbs. or more, 35c per lb.



Tasty Parsnips

A DELICIOUS WINTER VEGETABLE

One ounce will sow 200 feet of drill; 6 lbs. are required for an acre.

A vegetable for all winter use, with a rich, sweet flavor that most people like. Easily and cheaply grown.

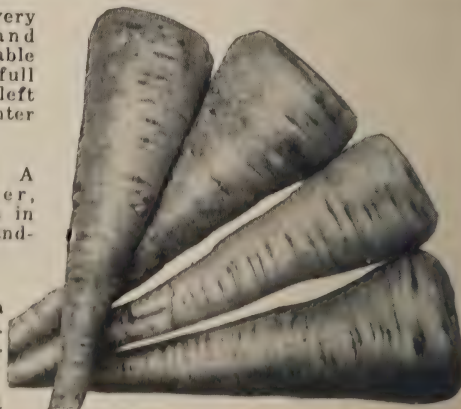
Culture. Sow early in the spring, seed is slow to germinate. Sow one-half inch deep in rows two feet apart. Thin to five inches in rows. Frost sweetens them; can be left in the ground all winter.

Arlington Long Smooth Roots very long and smooth, with full crown, desirable for deep soil and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow Crown.

***Hollow Crown** (110 days.) A good cropper, roots 15 inches long, 3 inches in diameter at the top. An old standard variety.

PRICES

Of each variety we offer a choice selected strain. Each. pkt., 10c; oz., 20c; ¼ lb., 50c.



Hollow Crown Sugar Parsnips

For Good Crops It Is Important
to Plant Ross' Selected Seeds.

POTATOES

Certified Maine Grown

Obtainable from April 1st to June 1st



Green Mountain Improved

Chippewa*

A Companion Potato with Green Mountain.

The Chippewa is a recent introduction of the United States Department of Agriculture. It is a high yielding Potato, highly resistant to mild mosaic. It has a velvety white skin with very shallow eyes; regular in outline, oblong to elliptical in shape. It matures earlier than the Green Mountain and other late maturing varieties. It consistently produces an attractive tuber with a very high percentage of No. 1 Potatoes. A distinct advantage possessed by the Chippewa is its maturity before the usual time of digging the late crop. While it is not classed as an early variety, it matures somewhat earlier than Green Mountain and other late maturing varieties. 100 lbs., \$5.00; 60 lbs., \$3.25; 30 lbs., \$1.75; 15 lbs., 95c.

Culture. Cut the seed into pieces, having 2 or 3 eyes. Plant in furrows 3 feet apart and 12 to 15 inches apart in the row. One peck of potatoes should be sufficient to plant 75 to 100 hills; 10 to 14 bushels are required to plant an acre. Potatoes do best on new soil and will respond generously to fertilizer applications. Cultivate by bringing the soil well up around the plant. Spray or dust the plants for insects and blight.

Green Mountain Improved*

The most popular Potato in the world; ideal for Maine crops, and excellent for baking. A dependable winter keeper.

A reliable medium late Potato that is so popular in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines and yielding big crops of large, smooth white thin tubers of handsome flattish oval form. They cook white, dry and mealy.

This Improved Green Mountain is approved and recommended by Ross Brothers.

Main Certified Seed: 100 lbs., \$5.00; 60 lbs., \$3.25; 30 lbs., \$1.75; 15 lbs., 95c.

Irish Cobblers

An early, white-skinned variety, very short, thick, inclining to round. This is yearly increasing in popularity for the early market. Ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra early varieties, nor greatly surpassed in yield by any of the main crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. A dependable early variety. Maine Certified Seed, 100 lbs., \$5.00; 60 lbs., \$3.25; 30 lbs., \$1.75; 15 lbs., 95c.

Katahdin

The Long Keeping Potato.

Originated by the U. S. Department of Agriculture and promising to become the outstanding late Potato for market or storage. It was originated in Maine, by double crossing unnamed seedlings of Rural New Yorker No. 2 and Aroostook Wonder parentage. It was bred for disease resistance, quality and yield. During the eight years it was under observation, it has been entirely free from mild mosaic. In yields it has constantly surpassed Rural New Yorker or Green Mountain. The tubers are smooth, short, elliptical to roundish, and have few, very small eyes. The crisp white flesh has a distinct desirable cooking quality which appeals to the housewife. Maine Certified Seed, 100 lbs., \$5.00; 60 lbs., \$3.25; 30 lbs., \$1.75; 15 lbs., 95c.

Sebago

Sebagoes stand up well in transit. It is a firm fleshed variety and little shrink may be expected in the bin. It is true as with all varieties some faults may be found with the Sebago. It is a late maturing variety and the tubers are similar to the Chippewa. Sebago is recommended where a late, smooth, round variety with shallow eyes, resistant to late blight is desired. In many states it has outyielded the Green Mountain and Spaulding Rose, and it is the opinion of many growers that the faults of Sebago are outweighed by its many good points. It is resistant to blight, scab, mosaic and does not bruise easily.

Maine Certified Seed: 100 lbs., \$5.00; 60 lbs., \$3.25; 30 lbs., \$1.75; 15 lbs., 95c.

Herbs

| | Pkt. | | Pkt. |
|-----------|--------|-----------------|--------|
| Anise | \$0.10 | Lavender | \$0.10 |
| Carnary | .10 | Marjoram, Sweet | .10 |
| Catnip | .10 | Sage | .25 |
| Coriander | .10 | Savory, Summer | .10 |
| Dill | .10 | Sweet Basil | .10 |
| Petted | .10 | Thyme | |

Bird Seeds

Best Re-cleaned;
For Feeding Only

| | Lb. | 100 Lbs. | | Lb. | 100 Lbs. |
|----------|--------|----------|--------------------|--------|----------|
| Canary | \$0.17 | \$14.00 | Rape | \$0.25 | \$16.00 |
| Bump | .30 | 26.00 | Sunflower, striped | .15 | 10.00 |
| Labrador | .30 | 28.00 | Flax | .20 | 10.00 |

Potato Prices

Our Potato prices are based on the market value at the time our catalog goes to press, and subject to change without notice. This applies to both advance and decline, and based at prevailing market prices at time of purchase.

Radishes - Tender - Crisp - Easy to Grow

An ounce will sow 100 feet of drill.

The secret in growing good Radishes consists chiefly in the observance on the part of the grower of three points. First, they should be grown on light quick soil. Second, they should be given plenty of water, and last, but by no means least, the right kind of seed should be sown. For the first crop sow as early in spring as ground can be worked, and every two weeks throughout the season.

A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August. One ounce will sow 100 feet of drill, 8 to 10 pounds per acre.

★ Early Scarlet Globe A very early globe-shaped Radish suitable for open ground. The Radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular

Scarlet Globe For forcing. 21 days. Top short but long enough for bunching. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Crimson Giant An early but large, round or slightly globular Radish adapted for either forcing or outdoor cultivation. While it grows much larger than other forcing varieties, it does not become pithy under glass, nor outdoors, even when it is twice as large and older. Beautiful crimson-carmine, attractive and of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Scarlet Turnip A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Scarlet Turnip White Tipped. Root nearly round, slightly flattened at bottom, bright scarlet with tip of clear white, early and attractive; suitable for forcing and outside planting. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early Long Scarlet Short-Top. Once the most popular Radish but has been largely displaced by the round varieties; 6 to 8 inches long, matures in 25 to 30 days. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Early White Giant Stuttgart Root large, clear white, often 4 inches in diameter. Can be stored for winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

French Breakfast Stump-rooted; about 3 inches long. Bright scarlet, tipped white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Long Black Spanish Winter One of the hardiest and best for winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Round Black Spanish White flesh with black skin. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

★ White Icicle The earliest pure white, long, summer Radish. Roots when matured are 5 to 6 inches long by about ½ inch in diameter. One of the best outdoor summer Radishes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

White Strassburg A fine summer variety, growing about 4 inches long and 2 inches thick. Pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Pumpkin for Pies - for Stock

An ounce will plant 50 hills.

Small Sugar The popular variety in New England for pies; fine-grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

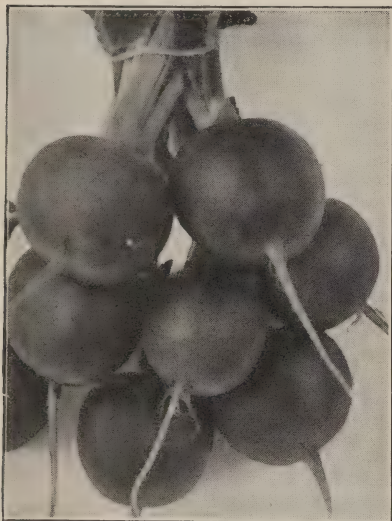
Large Cheese or Kentucky Field Shape flat, skin of rich cream color when ripe, flesh tender and of fine quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Connecticut Field The standard variety for feeding stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

Jumbo or King of the Mammoths The largest of all Pumpkins. Skin, orange-salmon; flesh, bright yellow, very thick, fine grained and of excellent quality for pies. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Crimson Giant



Early Scarlet Globe



Connecticut Field Pumpkin



White Strassburg

Spinach is good for You

BUT FRESH SPINACH FROM YOUR OWN GARDEN TASTES BETTER

An ounce will sow 100 feet of drill, 14 to 16 pounds to the acre.

Culture. For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

Bloomsdale Long Standing In appearance quite similar to the Bloomsdale strain, the leaves being more intensely green. On account of the low per cent of male plants it stands heat remarkably well. After other kinds have gone to seed this will stand for a long time. Pkt., 10c; oz., 20c; ¼ lb., 50c.

★Early Giant Thick-Leaved Leaves very large and thick, deep green, attaining a size suitable for use early and plant grows to a large size before running to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Summer Savoy Spinach

King of Denmark Pkt., 10c; oz., 20c; ¼ lb., 50c.

Old Dominion Blight resistant. Crossed between Virginia Savoy and King of Denmark, used for fall seeding. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Princess Juliana (New). The best second-early variety. Plants grow close to the ground and have dark green crumpled leaves which retain their crispness for a long time after being cut. Pkt., 10c; oz., 20c; ¼ lb., 50c.

★Summer Savoy This strain of Long Standing Bloomsdale is fine for a summer crop as it will stand hot weather well. It is a little darker than Bloomsdale Long Standing. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Savoy-Leaved, or Bloomsdale The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather. Leaves of medium size, dark green, pointed and crimped. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Savoy, Virginia Yellows-Resistant It will grow on disease-infested soil and produce a crop where others fail. Pkt., 10c; oz., 20c; ¼ lb., 50c.

New Zealand The hot weather Spinach. Leaves and stems are succulent and tender. May be picked frequently during the summer. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Rhubarb - A Real Spring Tonic

FRESH AND DELICIOUS

The roots can be raised from seed sown in spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

Victoria The most popular variety, fine for family use and market. Comes quite true from seed. Pkt., 10c; oz., 25c; ¼ lb., 90c.

Rhubarb Roots Sent by express or parcel post at buyer's expense. 2 for 25c.

Salsify or Vegetable Oyster

An ounce will sow 50 feet of drill.

Sow early and deeper than parsnip, otherwise culture is the same and, like parsnips, roots, if desired, may be left in the ground through the winter, but should be dug very early in the spring, as they deteriorate after growth commences.

Mammoth Sandwich Island Larger, of strong growth, and less liable to grow spongy than the old Long White. Pkt., 10c; oz., 25c; ¼ lb., 93c.

Raffia for Tying

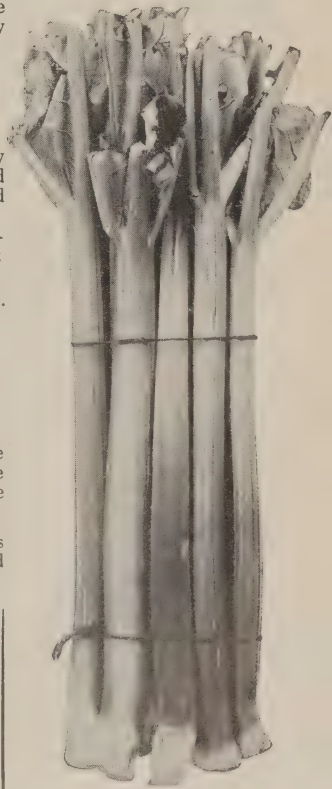
Raffia is the straw-colored inner skin of a palm found in Madagascar. It is very strong and tough but soft and flexible, which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine, as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks of from 1 to 5 pounds. We offer the best grade. Price per pound, 45c, not postpaid.



Bloomsdale Long Standing Spinach



Salsify



Victoria Rhubarb

SQUASH for Summer and Winter Use

An ounce will plant from 10 to 25 hills.

Squash seed should be planted at about the same time and in the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.

***Blue Hubbard** Special Market Gardeners' strain. The Symmes Blue Hubbard is an entirely distinct variety resembling the Warty Hubbard in shape. It is a pale light blue color, very thick meated, dry and very sweet; its eating qualities can not be surpassed. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Chicago or Warty Hubbard W. A selection of the Hubbard, with thickly warty shell. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Golden Hubbard A rich orange-red instead of the dark olive-green of the old Hubbard, the flesh is thick and a little deeper colored. Good quality, fine grained and dry. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

***Green Hubbard** W. A well-known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Delicious A fall and winter variety. Color, usually dark green. Shell moderately hard but very thin; flesh thick, very fine grained, sweet and of finest flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

***Golden Delicious** A fine home garden variety. Medium size, with deep orange shell and thick orange flesh. A good keeper. Pkt., 10c; oz., 20c; lb., \$1.40.

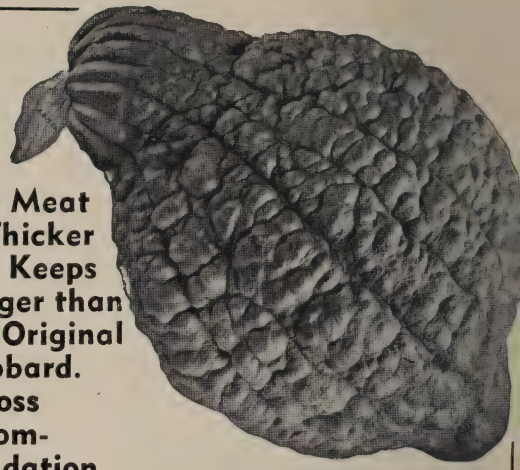
Essex Hybrid An old, well-known orange turban sort. Flesh is dry, sweet and thick, bright orange color. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Early Summer Crookneck For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

Mammoth Summer Crookneck Vine larger and of more vigorous growth than the Summer Crookneck. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

***Early Giant Summer** Early, mostly straight necked and much larger than the Summer Crookneck. A fine quality, growing from 14 to 16 inches long. Extensively used by market gardeners and exceptionally good for home gardeners. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

The Meat is Thicker and Keeps Longer than the Original Hubbard. A Ross Recommendation.



Blue Hubbard Squash

Early Prolific Straightneck It is 10 days earlier than other Summer Squashes. The squash is smaller than the old Straightneck, smooth and has a clear yellow color. The vine is dwarf and very prolific. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

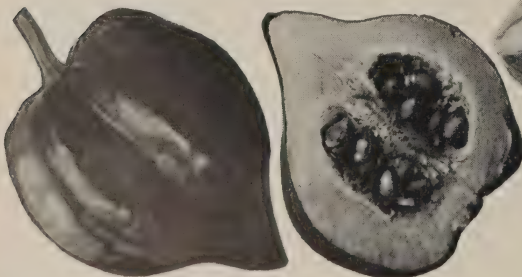
Italian Vegetable Marrow Dark green at first, becoming marbled with yellow as they mature. The young fruits when fried in oil, constitute a vegetable delicacy very popular. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

Table Queen or Des Moines Desirable for home and market garden use. Acorn-shaped fruit, ribbed, smooth, thin shelled, dark green, flesh light yellow, bakes well, with sweet inviting flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

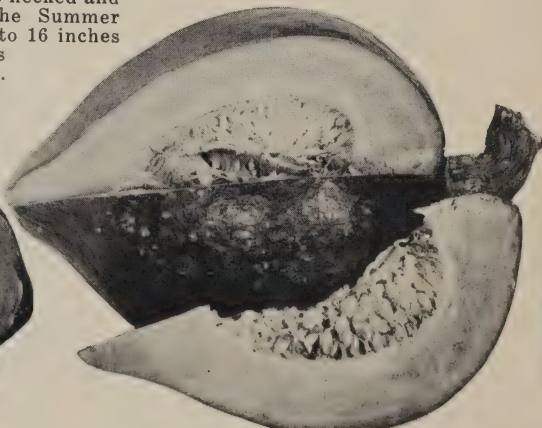
Golden Table Queen or Des Moines Similar to the green. Rich, buttery, sweet, golden flesh, $\frac{3}{4}$ inch thick. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Warren Turban Has a shell generally harder and thicker than the Essex Hybrid. The color is a deeper and richer orange, while the quality is decidedly better. Grown very extensively by market gardeners. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Yankee Hybrid The Squash are of the finest type and very uniform. The skin has a waxy yellow color, very attractive. Early and prolific. Pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.



Acorn or Small Table Squash



Delicious Squash



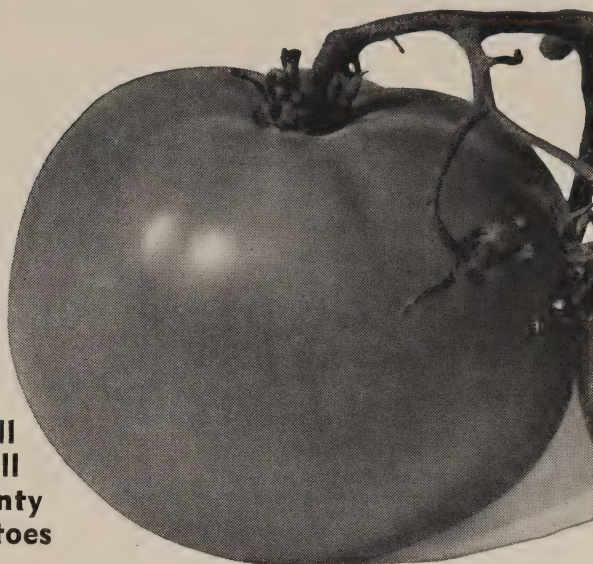
Early Giant Straightneck Squash

Good Garden Tomatoes *Fresh Crop Seed*



Bonny Best, A Fine, Extra-Early Variety

A small
plot will
grow plenty
of Tomatoes



Marglobe Is Wilt-Resistant

Tomatoes are to be found in every garden. They are easily grown and can be used in so many different ways. It is well to grow an early as well as a main-crop, whether they are for home use or market. The main crop is, of course, more desirable for canning.

CULTURAL DIRECTIONS

An ounce will produce about 2,000 plants.

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window-box (where 60 degree Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and ½ inch deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been previously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.

Acme Vine hardy and productive. Fruit in clusters of four to five, round, smooth and of good size; flesh solid and of excellent flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Bay State (New.) Truly a remarkable variety, early. The color is red. The fruit is solid, ripens evenly, is a little oval in shape, produces clusters of four or five. Excellent for the home garden and stays up remarkably for shipping. This variety was originated by Mr. William E. Vail, Yorktown Heights, New York. Pkt., 25c; ¼ oz., 75c.

Beauty Fruit large, very smooth, excellent flavor, color purplish pink. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

★Bonny Best Large size tomatoes, bright scarlet in color. Excellent variety for the canner as it yields from 12 to 15 tons to the acre. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Comet An excellent greenhouse sort, heavy yielder. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Dwarf Champion Dwarf, compact, upright growth. Fruit smooth and solid. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Dwarf Stone The best of the large fruited dwarf tomatoes. Fruit very red and smooth. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Early Worcester Early, dark solid fruit. A very heavy yielding variety. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Golden Queen Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

★John Baer The rich, scarlet-red fruits are thick and slightly flattened at the top; smooth, firm and of medium large size. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

★Marglobe Resists rust and wilt. Almost round; of large size and bright red color. It is one of the most productive tomatoes in cultivation. Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, and the tenaciousness of its skin minimizes cracking of the fruit. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Ponderosa A large smooth tomato. Color, deep purple. The fruit is exceptionally solid, with few seeds and is quite free from acid. Ideal for shipping. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

★Pritchard A great advance in the early class. Ripens with Earliana and ahead of Bonny Best. A cross between Marglobe and Cooper's Special. Good size, intense scarlet, solid, almost no core, small seed pockets; valuable for both market and home garden. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Rutgers Wilt-resistant. Has thick outer and inner walls of solid meat. It is globe-shaped, scarlet-red in color, resembling Marglobe. Ripens first in the center of the fruit so that when red on the outside, the tomatoes are ripe all through. Rutgers is in great demand for all purposes. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Sparks' Earliana A deep red tomato. The vines are compact in growth, with short, close-jointed branches. Extra early and the best so far produced. Very productive. Fruit fair size and firm. Ripens 108 days from date of sowing seed. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Stone Vines vigorous and productive; fruit large, smooth, deep red in color, and heavy. The best all around variety where earliness is not important. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Red Plum (Italian). Pkt., 10c.

Yellow Plum Pkt., 10c.

Yellow Husk or Strawberry Pkt., 10c.

Have You Ever Grown Small Fruited Tomatoes—Decorative and Delicious

ROSS BROS. CO., Worcester, Mass.

Vegetable Seeds

Dependable Table Turnips

An ounce will sow 200 feet of drill. If sown in drills, one pound is required for an acre; if sown broadcast, less seed is sufficient if sown evenly.

Culture. For early, sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession, sow every two weeks until June. For fall and winter, sow in July and August. A good crop may often be grown by scattering seed thinly in the corn-field at last cultivation. For Rutabagas, sow seed in seed-bed in spring and transplant to good warm soil in rows at least 2 feet apart and 8 to 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

Early White Milan Roots flat, smooth and symmetrical, pure white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Early Purple Milan Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Early Purple-Top Flat A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

A Great Favorite Early Purple Top White Globe

One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

★White Egg More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Golden Ball or Orange Jelly Of globular form, medium size, skin rich orange; flesh, pale amber, very fine-grained, mild and sweet. One of the most attractive, of the best quality and keeps well. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Yellow Globe The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for market. An excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

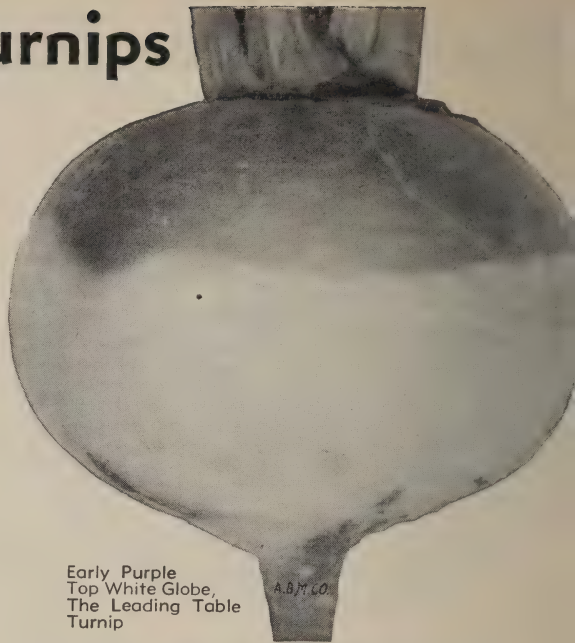
Cow Horn, or Long White Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender and of mild flavor. Of very rapid growth. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SUCCESSFUL TOBACCO SEED

Connecticut Seed Leaf

A hardy cigar variety, well adapted to growing in the Middle and Northern States. Pkt., 10c; oz., 40c.

Havana Leaf very thin, fine texture. Much used for cigar wrappers. Pkt., 10c; oz., 40c.



Early Purple
Top White Globe,
The Leading Table
Turnip

Swedish, Russian or Rutabaga

Ross' A-1 Globular in shape with short neck and small tap root, top deep purple color, flesh yellow and of very fine quality, also very hardy. We consider this one of the most attractive of the newer types of Rutabaga. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

White French, or Rock Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Shamrock A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Golden Purple Top The finest Purple Top. A beautifully shaped Turnip, very hardy, having excellent eating qualities. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

LONG ISLAND IMPROVED

Grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet and of very attractive appearance. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.



Long
Island
Improved
Rutabaga



Reference Table

GARDEN SEEDS

| | Per Acre | | Per Acre |
|---|--------------|--|-------------------|
| Artichoke, 1 oz. to 500 plants | ½ pound | Kohl-Rabi, 1 oz. to 200 feet of drill | 1½ pounds |
| Asparagus Seed, 1 oz. to 800 plants | 4 pounds | Leek, 1 oz. to 200 feet of drill | 4 " |
| Asparagus Roots | 2500 to 7000 | Lettuce, 1 oz. to 200 feet of drill | 3 " |
| Beans, Dwarf, 1 pound to 100 ft. of drill .. | 60 pounds | Melon, Musk, 1 oz. to 100 hills | 2½ " |
| Beans, Pole, 1 pound to 100 hills | 30 " | Melon, Water, 1 oz. to 25 hills | 4 " |
| Beet, Garden, 1 oz. to 100 ft. of drill | 6 to 8 " | Mustard, 1 oz. to 50 feet of drill | |
| Beet, Sugar and Mangel, 1 oz. to 100 ft. of drill | 5 " | Okra, 1 oz. to 50 feet of drill | 8 " |
| Broccoli, 1 oz. to 3000 plants | 4 ounces | Onion Seed, 1 oz. to 200 feet of drill | 4 to 5 " |
| Brussels Sprouts, 1 oz. to 3000 plants | 4 " | Onion Seed for sets | 30 to 50 " |
| Cabbage, 1 oz. to 3000 plants | 4 " | Onion Sets, 2 pounds to 50 feet of drill... | 250 " |
| Carrot, 1 oz. to 150 feet of drill | 2½ pounds | Parsnips, 1 oz. to 200 feet of drill | 4 " |
| Cauliflower, 1 oz. to 3000 plants | 5 ounces | Parsley, 1 oz. to 200 feet of drill | 4 " |
| Celery, 1 oz. to 10,000 plants | 4 " | Peas, Garden, 1 pound to 100 feet of drill | 100 " |
| Celeriac, 1 oz. to 10,000 plants | 4 " | Pepper, 1 oz. to 1500 plants | 4 ounces |
| Chervil, 1 oz. to 8000 plants | | Potatoes | 600 to 700 pounds |
| Chicory | 4 pounds | Pumpkin, 1 oz. to 50 hills | 3 " |
| Collards, 1 oz. to 5000 plants | | Radish, 1 oz. to 100 feet of drill | 8 to 10 " |
| Corn, Sweet, ¼ pound to 100 hills | 12 " | Sage, 1 oz. to 100 feet of drill | 5 " |
| Cress, 1 oz. to 150 feet of drill | 12 " | Salsify, 1 oz. to 60-foot row | 8 " |
| Cucumber, 1 oz. to 50 hills | 2½ " | Spinach, 1 oz. to 100 feet of drill | 12 " |
| Dandelion, 1 oz. to 200 feet of drill | 2 " | Squash, Summer, 1 oz. to 25 hills | 4 " |
| Dill, 1 oz. to 200 feet of drill | 5 " | Squash, Winter, 1 oz. to 10 hills | 2 " |
| Eggplant, 1 oz. to 2000 plants | 4 ounces | Tomato, 1 oz. to 2500 plants | 3 ounces |
| Endive, 1 oz. to 300 feet of drill | 4½ pounds | Tobacco, 1 oz. to 5000 plants | |
| Kale, 1 oz. to 300 plants | 4 ounces | Turnip, 1 oz. to 200 feet of drill | 1½ pounds |
| | | Turnip, Rutabaga, 1 oz. to 150 feet of drill | 1 " |

GRAIN AND FORAGE CROPS

| | Pounds per acre | Weight per bu. | | Pounds per acre | Weight per bu. |
|------------------------------|-----------------|----------------|---|-----------------|----------------|
| Alfalfa | 15-25 | 60 | Millet, Japanese | 15-25 | 35 |
| Barley, for grain | 100 | 48 | Oats, for grain | 50-60 | 32 |
| Barley, for forage | 140 | 48 | Oats, for forage | 100 | 32 |
| Beans, Soy or Soja | 60-75 | 60 | Peas, Field, Broadcast | 150-160 | 60 |
| Buckwheat | 50-75 | 48 | Peas, with Oats | 90-100 | 60 |
| Clover, Alsike | 6-8 | 60 | Rye, for grain | 60-75 | 56 |
| Clover, Crimson | 18-20 | 60 | Rye, for forage | 80-100 | 56 |
| Clover, Ladino | 4 | 60 | Rape, Dwarf Essex, in drills | 4-6 | 50 |
| Clover, Mammoth Red | 10-12 | 60 | Rape, Dwarf Essex, broadcast | 8-10 | 50 |
| Clover, Medium Red | 10-12 | 60 | Sudan Grass, in drills | 4-6 | 40 |
| Clover, White Sweet | 20 | 60 | Sudan Grass, broadcast | 18-20 | 40 |
| Corn, Dent for silage | 20-30 | 56 | Vetch, Hairy, with one bushel small grain | 30-40 | 60 |
| Corn, Flint, for grain | 15 | 56 | Wheat | 90-120 | 60 |
| Millet, Golden | 50 | 50 | | | |
| Millet, Hungarian | 50 | 48 | | | |

GRASS SEEDS

| | Pounds per acre | Weight per bu. | | Pounds per acre | Weight per bu. |
|-------------------------------|-----------------|----------------|--|-----------------|----------------|
| Awnless Brome | 18-25 | 14 | Rye Grass, Italian | 60 | 22 |
| Blue Grass, Canada | 30-35 | 14 | Rye Grass, Pacey's | 50 | 28 |
| Blue Grass, Kentucky | 20-25 | 14 | Red Top, Recleaned Seed, Worcester Brand | 40-50 | 36 |
| Creeping Bent | 50 | 14 | Red Top, Unhulled Seed | 70 | 14 |
| Crested Dogtail | 30 | 28 | Rhode Island Bent | 20-40 | 14 |
| Fescue, Hard | 30 | 16 | Rough Stalk Meadow | 30-35 | 26 |
| Fescue, Meadow | 24 | 16 | Sweet Vernal, use only in mixture | | |
| Fescue, Red or Creeping | 30 | 16 | Tall Meadow Oat | 45 | 12 |
| Fescue, Sheep's | 40 | 16 | Timothy | 12-25 | 45 |
| Fescue, Various Leaved | 20-25 | 15 | Lawn Seed Mixture, Shady Spot | 100-125 | 20 |
| Meadow Foxtail | 30 | 8 | Lawn Seed Mixture, Worcester Brand .. | 100-125 | 25 |
| Orchard Grass | 20-25 | 14 | Wood Meadow | 25-30 | 19 |
| Rye Grass, English | 50 | 28 | | | |

NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

| Distance | Number | Distance | Number |
|-----------------------|--------|-----------------------|--------|
| 1 ft. by 1 ft. | 43,560 | 6 ft. by 6 ft. | 1,210 |
| 1½ ft. by 1½ ft. | 19,360 | 8 ft. by 8 ft. | 680 |
| 2 ft. by 1 ft. | 21,780 | 10 ft. by 10 ft. | 434 |
| 2 ft. by 2 ft. | 10,890 | 12 ft. by 18 ft. | 302 |
| 2½ ft. by 2½ ft. | 6,970 | 15 ft. by 15 ft. | 194 |
| 3 ft. by 1 ft. | 14,520 | 18 ft. by 18 ft. | 134 |
| 3 ft. by 2 ft. | 7,260 | 20 ft. by 20 ft. | 103 |
| 3 ft. by 3 ft. | 4,840 | 25 ft. by 25 ft. | 70 |
| 4 ft. by 4 ft. | 2,722 | 30 ft. by 30 ft. | 40 |
| 5 ft. by 5 ft. | 1,742 | 40 ft. by 40 ft. | 27 |



Aster, Improved Crego



Asters, Giants of California, Double

California Giant Double

A variety of Asters of the Improved Comet type, with strong stems. Petals curved and twisted. Plant grows 2 to 3 feet tall. Midseason.

- | | |
|---------------------|-----------------|
| 8 White. New; fine. | 11 Light Purple |
| 9 Peach Blossom | 12 Deep Rose |
| 10 Light Blue | 13 Dark Purple |

Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 50c; 1/4 oz., 90c.

14 Mixture of Above: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.40.

California Giant Single (Wilt Resistant)

The flowers are large, measuring three to four inches across, with stems 18 to 24 inches in length. Blooms in mid-September.
15 Finest Mixed. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c; 1/2 oz., \$1.00.

Asters You Can

One of the finest cut flowers and very useful in the garden. Available in many shapes and colors; early, mid-season and late varieties.

16 Giant Aurora Golden Sheaf (Wilt Resistant)

The flowers are deep yellow, fully double, with a crest-like center. Pkt., 10c; 1/8 oz., 40c.

California Sunshine

An attractive anemone-flowered variety particularly fine for cutting. 2 1/2 feet.
24 Mixed Colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

32 Heart of France (Wilt Resistant)

Rich dark red. Very double, of strong branching habit. 1 1/2 to 2 feet. Midseason. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

32A Lilliput-Flowered

The flowers are tiny and button-like in form, coming in profuse clusters on medium length stems. Mixed. Pkt., 10c;

Improved Crego (Wilt Resistant)

Plants robust, branching, about 2 1/2 ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

35A Finest Mixed. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

Queen of the Market (Wilt Resistant)

A very early blooming strain, which, though plant is only 1 1/4 feet high, bears from ten to fifteen well-formed, medium-sized flowers on long stems. Much used by florists.

- | | |
|------------------|-----------------|
| 36 Purple | 40 Pink |
| 37 White | 41 Crimson |
| 38 Peach Blossom | 42 Mixed Colors |
| 39 Light Blue | |

Each, pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

American Beauty (Wilt Resistant)

Plants 2 1/2 to 3 feet with long, heavy stems, bearing large compact flowers. They bloom from late August until frost.

- | | |
|-----------------------------|--------------------|
| 43 Azure Fairy. Azure-blue. | 44A September Pink |
| 43A Crimson | 45 White |
| 44 Purple | 45A Finest Mixed |

Pkt., 10c; 1/8 oz., 40c.



American Branching

Grow Successfully

Royal (Wilt Resistant)

Plants branching, 1½ to 2 feet, blooming in mid-August directly following the Queen of the Markets.

- | | |
|------------------|-----------------|
| 46 Peach Blossom | 48 Lavender |
| 47 White | 48A Purple |
| 47A Deep Rose | 49 Mixed Colors |
- Pkt., 10c; ¼ oz., 40c.

Super Giant

The flowers are from 6 to 8 inches across; full, graceful, interesting petals. Plants are about 2½ feet tall, with six to eight long non-lateral stems per plant.

- 50 Los Angeles. Shell-pink. Pkt., 10c; ¼ oz., 40c.
51 El Monte. Crimson. Pkt., 10c; ¼ oz., 40c.

NOTE: Please order by number as well as name.

Giant Branching Comet (Wilt Resistant)

The plant is of vigorous luxuriant growth and produces freely its long-stemmed graceful flowers. Blooms in late August. 1½-2 ft.

- | | |
|--------------|---------------|
| 70 White | 74 Azure-Blue |
| 71 Dark Blue | 75 Crimson |
| 73 Deep Rose | 76 Shell-Pink |

Each, pkt., 10c; ¼ oz., 40c.

- 80 MIXED COLORS. Many colors and shades. Pkt., 10c; ¼ oz., 40c.

American Branching (Wilt Resistant)

A superior late-blooming strain of American origin. The flowers are of the largest size, borne on long, graceful stems often 15 or more inches in length, are exceedingly beautiful and unsurpassed for cutting. Blooms in early September. 2½ feet.

- | | |
|----------------|-------------------------|
| 108 White | 111 Sensation. Scarlet. |
| 109 Pink | 112 Purple |
| 110 Azure-Blue | 116 Mixed Colors |
- Each, pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

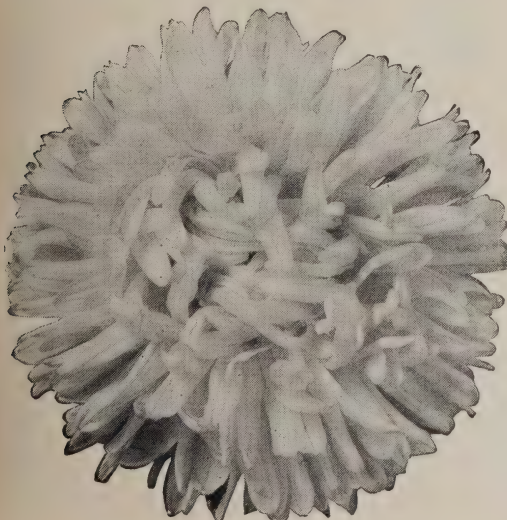
Early Giant (Wilt Resistant)

Flowers are of the large Giants of California type. Plants are 1½ feet high with strong heavy stems. Blooms in mid-August.

- 118 Light Blue. A big, lacy light blue flower. Pkt., 10c; 1/16 oz., 40c.
119 Peach Blossom. Opens white, flushes lavender-pink. Pkt., 10c; 1/16 oz., 40c.
120 Rose Marie. Rich lively shade of rose. Pkt., 15c; 1/16 oz., 40c.

124 Worcester Mixture

Our own mixture of the leading choice varieties includes every color and shade known among Asters. Pkt., 10c; ¼ oz., 40c; ¼ oz., 60c; oz., \$2.00.



Aster, Royal



Aster, American Beauty



Aster, California Sunshine

125 Harmony Mixture

Plants 2 to 2½ feet tall with very long basal branching stems, bearing 4- to 4½-inch blooms. These large flowers have full double quilled rounded centers, which open bright gold, surrounded by several rows of broad short guard petals. Pkt., 10c; 1/16 oz., 40c; ¼ oz., 70c.

Astermum (Wilt Resistant)

A strain of Giant Comet Asters which, on account of their immense size have been named Astermums. The plants grow about 2 feet high with long, strong stems and should come into bloom about the middle of August.

- 126 White. 127 Pink. 128 Lavender. Pkt., 10c; ¼ oz., 35c.

Ross' Choice Annuals

Gardens That are Well Planted Will Have Flowers in Abundance This Year

Annuals are flowers that sprout from seed, all of which die within the limits of the garden year. Being inexpensive, they appeal to both home owner and renter. It is possible to enjoy at a low cost all of Nature's beauty in color and fragrance. The many varieties we offer in this book are carefully selected to supply the utmost in flower beauty and satisfaction.

Acroclinium (Everlasting Flower)

An everlasting flower, which, when cut and dried, is very valuable for winter bouquets.

139 Light Rose and Pure White. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Ageratum (Floss Flower)

Hardy Annual

A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding.

148 Mexicanum. Blue. $1\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

149 Mexicanum album. White, $1\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

150 Fairy Pink. Soft salmon-rose-pink. Pkt., 25c.

151 Little Dorrit. Azure-blue. 8 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

152 Midget Blue. A truly compact variety only 3 to 4 inches tall with dense spread. Azure-blue flowers. Pkt., 25c.

153 Little Blue Star. A miniature variety with beautiful mauve flowers. 5 inches. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 90c.

154 Blue Perfection. Large heads of amethyst-blue flowers; 8 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

155 Dwarf Blue Cap. Dwarf rich blue flowers. 4 inches. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 90c.

156 Purple Perfection. Deepest blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

158 Mixed Colors. All varieties mixed. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

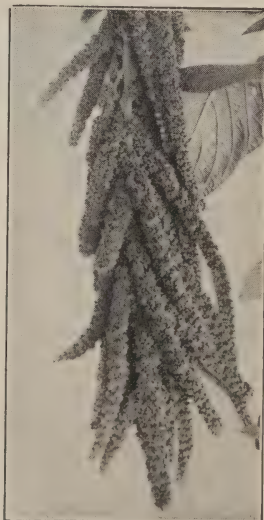
Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

160 Coeli-Rosa (Rose of Heaven). Rose, with white center. Hardy annual. $1\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Ageratum, Blue Perfection



Amaranthus
(Love-Lies-Bleeding)



Alyssum, Little Gem

Alyssum

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging.

166 Sweet Alyssum. Fragrant, white. 1 foot. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c; oz., 60c.

167 Little Gem. Of spreading habit, forming compact masses of bloom often a foot or more in diameter. White, fragrant. 6 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

168 Carpet of Snow. Of very dwarf habit; white, fragrant. 4 inches. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.

169 Violet Queen. A dwarf compact form, with bright violet flowers. Does not fade in hot weather. 4 inches. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

171 Little Dorrit. Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 4 inches high. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Amaranthus

Brilliantly colored foliage, and bearing peculiarly formed flowers.

175 Caudatus (Love - Lies - Bleeding). Long, drooping flower, blood-red. Half-hardy annual. 3 feet. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

178 Tricolor Splendens (Joseph's Coat). Red, yellow, and green foliage. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Anchusa

184 Blue Bird. Compact plants, 20 to 24 inches high with clusters of vivid indigo-blue flowers. Excellent for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.

185 Capensis (Cape Forget-Me-Not). Attractive annual with azure-blue flowers. $1\frac{1}{2}$ feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.



Rust-Proof Antirrhinum

Antirrhinum (Snapdragon)

Rust-proof. 75% or better Rust-proof.

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

191A Rosalie. Intense rose-pink with deeper center. Flowers are large and well formed. Rust resistant. Pkt., 10c.

190D University of California De Luxe Mixture. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Snaps for Greenhouse Forcing

192 Afterglow. Golden bronze. Pkt., 25c.

193 Ceylon Court. Yellow. Pkt., 25c.

194 Cheviot Maid. Bright pink. Pkt., 25c.

195 Rose Queen. Dark pink. Pkt., 25c.

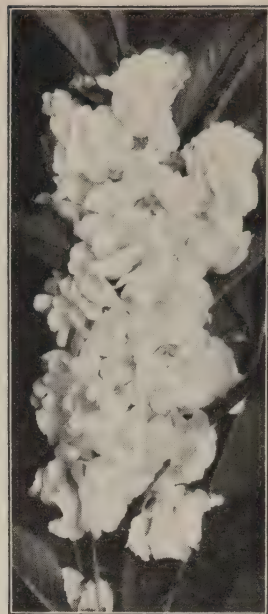
196 White Rock. Pure white. Pkt., 25c.

Snapdragons, Large Flowered Type

197 Tall Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; oz., \$1.00.

198 Grandiflora. Giant varieties. Mixed, pkt., 10c; $\frac{1}{4}$ oz., 35c.

199 Dwarf Varieties. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.



Balsam, Camellia-Flowered

Arctotis

210 Grandis (Blue-eyed African Daisy). 3 ft. Pearly white with a gold band surrounding a mauve center. Foliage gray-green. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

211 Hybrids. Showy daisy-like flowers, red and orange shades. Pkt., 10c; $\frac{1}{8}$ oz., 75c.

Asparagus

216 Plumosus Nanus. Beautiful house plants. The feathery foliage is unrivaled for cutting. Pkt., 15c.

217 Sprengeri. Excellent plants for table decorations. Pkt., 15c.



Brachycome

Balloon Vine

235. A tender annual climber of rapid growth, bearing small white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

Browallia

Free-blooming half-hardy annual. For beds, borders or pots. 1 $\frac{1}{2}$ ft.

251 Blue and White Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.



Browallia

Balsam

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

225 Improved Camellia-Flowered. Mixed colors. Double flowers of the finest type and a wide range of beautiful colors. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

226 Double Bush Flowering. Finest Mixed. Flowers appear in clusters on top of stems. Bushy plants, fine for bedding. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

227 Double Dwarf Mixed. Showy little bushes about 8 inches high, with double and semi-double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

228 Double Rose Flowered. Finest Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

230 Choice Mixed. Double flowers of many colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 75c.

Bartonia Aurea

236. Showy, hardy annual, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Beans, Ornamental Varieties

The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown. Fine for ornamental effects.

240 Scarlet Runner. Pkt., 10c.

241 White Runner. Pkt., 10c.

BLUE LACE FLOWER. See Didiscus.

Brachycome (Swan River Daisy)

A free-flowering plant of dwarf, compact growth, bearing single blue or white flowers. Half-hardy annual. 1 ft.

250 Mixed Colors. Pkt., 10c.

Calendula (Pot Marigold)

A very free-blooming hardy annual of easy culture. Flowers double, borne on stiff stems, and are cut to some extent, but the plant is more desirable for bedding, 1 to 1½ feet.

- 252 **Campfire or Sensation.** Improved strain. Dark orange with scarlet sheen. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.
 253 **Chrysantha or Sunshine.** Clear buttercup-yellow, petals incurved. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.
 253A **Yellow Colossal.** Extra large, lemon-yellow flowers. Pkt., 10c; ¼ oz., 35c.
 254 **Ball's Gold.** Deep golden yellow, dark center, very large flowers. Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c.
 255 **Ball's Masterpiece.** Rich deep orange, dark center, long stems. Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c.
 255A **Ball's Orange Improved.** Brilliant orange, light center, petals slightly notched. Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c.
 256 **Orange Shaggy.** Deep orange, shading lighter at the center, petals deeply fringed. Pkt., 10c; ⅛ oz., 25c.
 257 **Orange King.** Extra select. Large dark orange, dark center. Pkt., 10c; ½ oz., 30c; oz., 50c.
 258 **Lemon Queen.** Clear lemon-yellow. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
 259 **Mixed Varieties.** Pkt., 10c; ½ oz., 15c; oz., 25c.

Canary Creeper

(*Tropaeolum Canariense*)

275. A rapid-growing, half-hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. 10 to 15 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.

Candytuft

Popular hardy annual, growing in any soil, requiring but little care, and by repeated sowings may be had in bloom all summer. 6 inches to 1 foot.

- 276 **Rose Carmine.** Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
 277 **Dark Crimson (Dunnett's).** Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
 278 **Empress.** Large trusses; pure white. Pkt., 10c; ⅛ oz., 20c; ¼ oz., 35c.
 279 **Giant Hyacinth-Flowered.** Heads of immense size, resembling the Hyacinth. White. Pkt., 10c; ⅛ oz., 20c; ¼ oz., 35c; oz., \$1.00.
 280 **Mixed Colors.** Pkt., 10c; ¼ oz., 20c; oz., 50c.
 282 **Dwarf Hybrids.** Mixed colors. Of dwarf habit but flowers are large. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
 283 **White Fragrant.** Pkt., 10c; ¼ oz., 20c.



Calendula Chrysantha

Calliopsis

(Annual Coreopsis)

Showy daisy-like flowers, ideal for cutting or for massing in a border.

- 260 **Mixed Colors.** 1½ to 2 feet. Pkt., 10c; ½ oz., 30c; oz., 50c.
 261 **Golden Crown (Drummondii).** Semi-double. Improved rich yellow, maroon center. Pkt., 10c; ¼ oz., 20c.
 262 **Golden Wave (Drummondii).** Golden yellow with small dark center. 1½ feet. Pkt., 10c; ¼ oz., 20c.
 263 **Ray of Gold.** Yellow, with purplish brown center. 6 to 8 inches. Pkt., 10c; ¼ oz., 20c.

Canterbury Bells

- 274A **Finest Mixed.** A new annual Canterbury Bell which blooms from seed in less than six months. Plants 2 to 2½ feet. Pkt., 10c.



Candytuft, Giant Hyacinth-Flowered



Canterbury Bells



Calendula,
Orange
Shaggy

Castor Bean (*Ricinus*)

Well-known tender annual, with palm-like leaves of glossy green, brown or bronze hue. 6 to 15 feet.

295 *Borboniensis*. Large, showy foliage of purplish hue. 15 feet. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

296 *Cambodgensis*. Stalks and stems nearly black; leaves large, of a deep bronze-maroon. 6 feet. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

297 *Sanguineus* (Tricolor). Stalks blood-red, foliage reddish bronze, with scarlet seedpods. 6 feet. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

298 *Zanzibariensis*. With gigantic leaves, ranging in color from light green to deep bronze. 10 to 15 feet. Mixed varieties. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

299 *Gibsoni*. Large dark red leaves. 5 feet. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

300 All Varieties Mixed. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Cockscomb (*Celosia cristata*)

Free blooming annuals of easy culture, producing large, brilliant, comblike heads. Excellent for borders, edgings or pots.

305 Glasgow Prize. Crimson; dark foliage. 9 inches. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

307 Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

309 Dwarf, Extra-Choice Mixed. Includes all the latest introductions and colors of the Cockscomb. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Lilliput or Dwarf Feathered Celosia

Dwarf, compact plants, consisting of 15 to 20 branches of even length, each tipped with brilliant silky plumes.

310 Lilliput, Fire Feather. Bright fiery crimson. Pkt., 10c; $\frac{1}{16}$ oz., 40c.

311 Lilliput, Golden Feather. Deep yellow. Pkt., 10c; $\frac{1}{16}$ oz., 40c.

312 Lilliput Mixed. Pkt., 10c; $\frac{1}{16}$ oz., 40c.

Feathered Celosia (*Celosia plumosa*)

Often used for winter bouquets, and for this purpose should be cut before fully ripe and dried in the house.

313 Thompsoni Magnifica. Large plumes, ranging from clear yellow to darkest red. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

314 Choice Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Cineraria

Canna

The Crozy Cannas are well known for their dwarf growth and luxuriant foliage. The flowers are large and of most brilliant colors.

284 Crozy's Dwarf. Dark, large flowering varieties. Mixed. 3 to 4 feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

285 Giant Flowered New Hybrids. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CARDINAL CLIMBER. See Ipomoea, number 549.

CARDINAL FLOWER. See Lobelia, number 588.

Carnation (*Dianthus Caryophyllus*)

287 Marguerite Giants. Double special mixture. Flower approaches in form, size, fragrance and beauty those grown by the florist. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Cineraria Hybrida Grandiflora

294 Ross' Prize Mixture. The plants are of compact growth, carrying extra large flower heads with flowerets of unusual size and substance. Pkt., 50c.



Calliopsis



Cockscomb—*Celosia Cristata*



Feathered Celosia



Centaurea Cyanus (Bachelor Buttons)

Centaurea

To this family belong the well-known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

- 315 *Americana Lilac* (Basket Flower). The plant grows 3 feet tall and bears immense thistle-like blooms of rosy lavender color. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 316 *Americana Alba* (Star Thistle). 3 feet. Large heads of double fluffy blooms, almost pure white. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 316A *Jubilee Gem*. Dwarf compact plants, about 12 inches high, literally covered with dark but very vivid double blue flowers. Pkt., 10c; $\frac{1}{2}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

CYANUS (Bachelor's Button or Cornflower)

- 317 *Double Blue*. A selection of the old-fashioned Bachelor Button, producing a large percentage of beautiful double blue flowers. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c.
- 318 *Double Blue Boy*. Rich deep blue. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 318A *Double Pinkie*. Deep pink. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 319 *Double Red Boy*. Deep red. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 319A *Double Snow Man*. Pure white. Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c.
- 320 *Single and Double Mixed*. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c.

CENTAUREA (Sweet Sultan)

- 321 *Moschata* (Common Sweet Sultan). Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 322 *Suaveolens* (Yellow Sweet Sultan). Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

IMPERIALIS (Royal Sweet Sultan)

Improved type of Sweet Sultan. Both plants and flowers are larger than the common.

- 323 *Deep Lavender*. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 324 *White*. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 325 *Mixed Colors*. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

WHITE-LEAVED CENTAUREAS (Dusty Miller)

Half-hardy perennials which are grown annually from their seed for their foliage only. Used with other foliage and flowering bedding plants.

- 326 *Candidissima*. Yellow, silvery foliage. 1 foot. Pkt., 10c; $\frac{1}{8}$ oz., 35c.
- 327 *Gymnocarpa*. Lavender, silvery white foliage; of graceful, drooping habit. $1\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Chinese Woolflower (*Celosia Childsi*)

Large globular heads like balls of wool chenille. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. Blooms from early summer to frost.

- 329C *Mixed Colors*. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Chrysanthemum

Free-flowering plants of branching habit, grow freely from seed, and are of easy culture, very desirable for cutting. Hardy annual. 1 to $1\frac{1}{2}$ feet.

- 330 *Single* (Painted Daisies). Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.
- 331 *Evening Star*. Covered with bright golden yellow single flowers. Pkt., 10c; $\frac{1}{8}$ oz., 20c.
- 333 *Northern Star*. White, with yellow ring, dark eye. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Clarkia

Beautiful hardy annual of easy culture. Blossoms are borne in profusion on long graceful sprays. Fine for cutting. 2 feet.

- 338 *Single and Double Mixed*. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Cleome—"Giant Spider Plant"

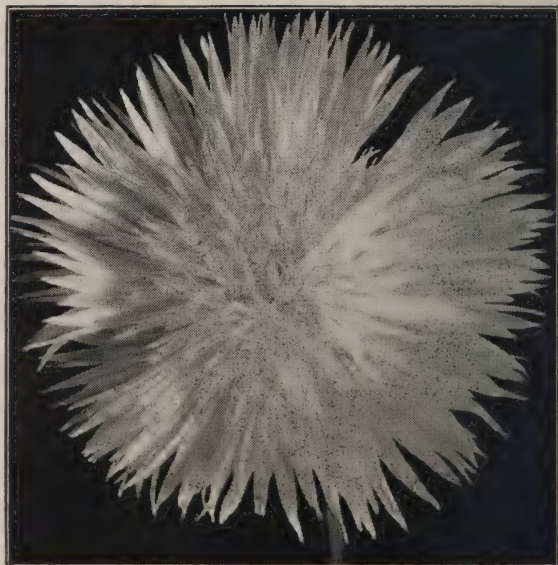
- 343 *Rose Queen*. A showy garden annual producing curious heads of flowers of bright rose color with long antenna-like stamens. 4 to 5 feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Cobaea Scandens or Cathedral Bells

345. Rapid growing climbers with large purple bell-shaped flowers. 20 to 30 feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Coix Lachryma (Job's Tears)

347. An ornamental grass growing from 7 to 9 feet high. Large, broad leaves bearing large shiny seed. Pkt., 10c; $\frac{1}{2}$ oz., 25c.



Centaurea Moschata (Sweet Sultan)

Coleus

Ornamental foliage plants, easily grown from seed.

350 Choice Hybrids Mixed. From a large collection; of greatly diverse shades and markings. Pkt., 10c.

351 New Large-Leaved Varieties Mixed. Saved from new varieties with very large and richly variegated foliage. Pkt., 10c.

Giant Flowering Cosmos

Cosmos are among the finest annuals for table decoration. They are invaluable in the mixed border and for their long period of flowering.

359 Klondyke, Orange Flare. Early flowering, deep orange. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

360 Mammoth Perfection. Mixed colors. Of mammoth size, rather late in flowering. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

362 Large Early Flowering. The flowers are large and blooms early. Crimson, Rose and White mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 30c; oz., 50c.

362A Crimson **362B Pink** **362C White**
Each, pkt., 10c.

SENSATION TYPE

The Sensation type of Cosmos grows 4 to 5 inches in diameter with broad fluted petals. Blooms 8 to 10 weeks after sowing. 3 to 4 feet.

364 Sensation, Pinkie. Clear rose-pink. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

364A Sensation, Purity. Pure white. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

364B Sensation Finest Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Double Crested Early Flowering Cosmos

Extra Early Double Crested Cosmos

The new annual crested type Cosmos is a distinct type, having double center, with a row of guard petals around the base.

365 Crimson King. Dark crimson.

365A Pink Beauty. Soft pink.

365B White Queen. Pure white.

365C White, Pink and Crimson mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.40; oz., \$2.50.



Coleus, Choice Hybrid Mixed

Collinsia

A free flowering hardy annual with lovely blooms arranged in whorls on slender stems. Blooms from June to October. 1 foot.

353 Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Convolvulus Minor

(Dwarf Morning Glory)

Half-hardy annual of trailing habit, growing about 1 foot high, and bearing abundantly bell-shaped flowers.

356 Mixed Colors. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Burbank's Rainbow Corn

357. Annual, grows about 5 feet high. The foliage is striped with rose, purple, green and cream color. Pkt., 10c; oz., 25c.

Cuphea

367 Firefly (Firecracker Plant). Semi-dwarf compact annual with a spread of about 12 inches. The miniature bushes are covered with deep rosy scarlet blooms. Pkt., 10c.

Ross' Giant Cyclamen

Charming house plants, with beautiful foliage and rich colored fragrant flowers.

369 Giant Mixed. Pkt., 50c.



Dianthus Heddewigi, Single

Cynoglossum

(Chinese Forget-Me-Not)

- 369A **Amabile**. Early flowering annual producing large sprays of rich blue flowers; excellent for cutting. 18 inches. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
 369B **Firmament**. Dwarf, bright, indigo-blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Cypress Vine

A popular climbing vine, with fernlike foliage, bearing small, star-shaped, rose, scarlet, or white flowers. Half-hardy annual. 10 to 12 feet.

- 370 **Mixed Colors**. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

Annual African Daisy

- 376 **African Golden** (*Dimorphotheca aurantiaca*). Beautiful showy annuals about 1 foot tall with gorgeous daisy-like blooms during summer and fall. Flowers are excellent for cutting. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
 379 **Selected Hybrids Mixed**. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Delphinium (Larkspur)

Showy, hardy annuals bearing long spikes of lovely colored flowers. 3 to 4 feet.

- 385 **Dwarf Emperor**. Double Stock Flowered. Finest mixed. A dwarf compact type ideal for border work. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

TALL DOUBLE STOCK FLOWERED

- | | |
|---------------|----------------|
| 387 Carmine | 389 Light Blue |
| 388 Dark Blue | 390 White |
- Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c.
- 391 **Tall Double Stock Flowered**. Mixed colors. A superior strain. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c; oz., 75c.
 392 **Giant Imperial, Carmine King**. (New.) Deep carmine-rose. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 70c.
 392A **Giant Imperial, Miss California**. Rich, deep pink on salmon ground. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 70c.
 392B **Giant Imperial, Blue Bell**. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.
 392C **Giant Imperial, Blue Spire**. Very deep violet-blue. Pkt., 10c; $\frac{1}{8}$ oz., 25c.
 392D **Giant Imperial Finest Mixed**. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c.

Datura (Trumpet Flower)

Strong growing, ornamental annual shrubs. Flowers trumpet-shaped, large and fragrant.

- 383 **Finest Mixed**. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Dianthus (Pinks)

Hardy biennials, blooming the first year from seed. Plant 6 inches apart. Height 1 foot.

- 398 **Double China** (*D. chinensis* fl. pl.). Small, double flowers, borne in large clusters of many colors, mostly with white edge. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
 399 **Heddewigi Double** (*D. Heddewigi* fl.-pl.). Japan Pinks. Very large, double flowers of a wide range of color. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
 400 **Single Mixed**. Large single flowers, varied colorings. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
 406 **Laciniatus Splendens**. Brilliant shade of crimson, with a large glistening white eye. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
 408 **Double Snowdrift**. Improved, white, very large flowers. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
 415 **Worcester Mixed**. All the above and other choice strains. Unsurpassed. Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.
 419 **Sweet Wivelsfield**. The growth is like Sweet William but the flowers are large and have a much wider range of colors. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Didiscus

- 420 **Coeruleus** (Blue Lace Flower). An attractive annual, blooming from July until frost. The flowers are pale lavender and are valuable for cutting. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Dolichos (Hyacinth Bean)

A rapid growing hardy annual climber, bearing all summer, clusters of white or purplish blue flowers, followed by ornamental seed pods. 10 feet.

- 433 **Mixed Colors**. White and purple. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Dracena (Dragon Plant)

- 434 **Indivisa**. Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decoration. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Delphinium, Tall Double Stock-Flowered

Eschscholtzia (California Poppy)

A very showy hardy annual, with finely cut, glaucous foliage, bearing poppy-like flowers of bright colors. Of easy culture. Sow as early as soil can be worked, where plants are to remain, as they do not bear transplanting well. 1 foot.

439 Californica. Yellow. Pkt., 10c; ½ oz., 35c.

442 Mixed Colors. Pkt., 10c; ½ oz., 25c; oz., 40c.

443 Ramona Hybrids. Finest mixed. A new compact strain with flowers beautifully frilled and incurved, a bright mixture. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

Euphorbia

Ornamental foliage plant; easily grown from seed. Striking and effective appearance. Hardy annual.

452 Variegata (Snow-on-the-Mountain). Foliage veined and margined with white. 2 feet. Pkt., 10c; ¼ oz., 25c.

453 Heterophylla (Fire-on-the-Mountain). A variety of Poinsettia which grows to a height of 2½ to 3 feet. About the middle of summer the top central leaves turn rich orange-scarlet. Pkt., 10c; ¼ oz., 35c.

Four O'Clock (Marvel of Peru)

A well-known favorite plant, bearing freely white, red and striped flowers, which open about four o'clock in the afternoon. 2 feet.

465 Mixed Colors. Pkt., 10c; oz., 25c.

FOXLGLOVE. See Digitalis, page 52.



Godetia, Satin Flower

Gaillardia (Blanket Flower)

ANNUAL VARIETIES

Very showy, free-blooming, hardy plants of easy culture. Seed germinate very slowly and should be sown in the house in March. Fine for cutting. 2 feet.

470 Picta. Single; mixed colors. Pkt., 10c; ¼ oz., 20c.

471 Picta. Double; mixed colors. Pkt., 10c; ¼ oz., 20c.

Geranium

Well known, half-hardy, greenhouse perennials. When sown in the fall or early winter will produce flowers in June, while sown in March, plants will not bloom until September, and sown in the open ground in May or June, plants will bloom in midwinter.

485 Zonale (Fish or Horseshoe Geranium). Saved from largest and finest varieties. Pkt., 10c; ½ oz., 75c.

Gilia

Bushy plants, of erect habit with fine feathery foliage. May be used as everlasting, retaining their color when dried; fine for cutting.

487A Capitata (Thimble Flower). 2 feet. Rich lavender-blue flowers, 1 inch across. Pkt., 10c; ¼ oz., 25c.

Gomphrena (Globe Amaranth)

488 Mixed Colors. A tender annual plant, bearing globe-shaped everlasting flowers, often used, when dried, in winter bouquets. 1½ feet. Pkt., 10c; ¼ oz., 25c.



Eschscholtzia (California Poppy)

Gloxinia

Beautiful Greenhouse Perennial

Large bell-shaped flowers borne in clusters above velvety foliage.

489 Splendid Mixture. A mixture of all classes unrivaled in richness of color. Pkt., 25c.

Godetia or Satin Flower

(Annual)

Showy garden annuals, they are of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across.

490 Mixed Colors. Tall. Includes all varieties and the latest introductions. Pkt., 10c; ¼ oz., 25c.

Gourds Are Popular

Ornamental, tender annual climbers. 10 to 20 feet.

493 Large Calabash. Pipe or Pequin Gourd. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

494 Large Siphon Dipper. Duck Gourd. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

495 Small Bottle. (Miniature). Pkt., 10c; ¼ oz., 25c.

496 Small Turk's Turban. Ornamental, brightly colored. Pkt., 10c; ¼ oz., 25c.

498 Large Varieties Mixed. Pkt., 10c; ½ oz., 20c.

500 Mixed Varieties. Small sorts. Pkt., 10c; ½ oz., 20c.

Gypsophila (Baby's Breath)

Flowers very small, borne in loose, graceful panicles. Very largely used in bouquets with other cut flowers.

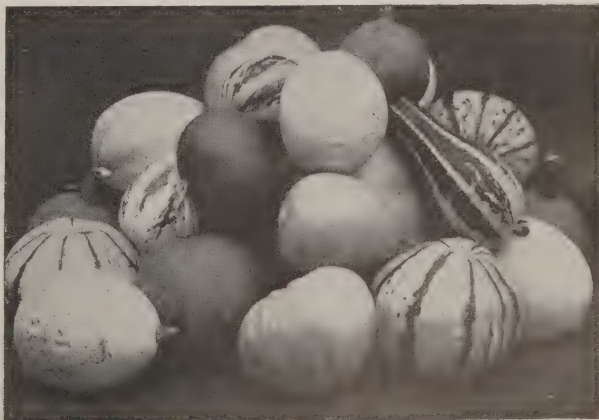
501 Elegans Deep Rose. H.A. Pkt., 10c; ¼ oz., 25c.

503 Elegans Grandiflora Alba (London Market Improved). White, extremely large flowers. Pkt., 10c; ½ oz., 20c; oz., 30c.

505 Elegans Grandiflora Alba. White. An improved form of the annual Gypsophila. Grown by the acre for the London and Paris flower markets. Pkt., 10c; ½ oz., 20c; oz., 30c.

Grevillea

507 Robusta (Silk Oak). The graceful evergreen, fern-like foliage combines admirably with palms and other massive-leaved plants. Excellent for table decorations. Pkt., 10c; ½ oz., 30c.



Ornamental Gourds

Helichrysum

(Strawflower; Everlasting)

One of the best everlasting flowers and an effective bedding plant. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

515 **Double Mixed Colors** (*H. monstrosum* fl. pl.). Largest double flowers. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

Heliotrope

A well-known favorite largely grown in pots, but thriving in the open border.

518 **Mixed Colors**. Dark varieties mixed. Pkt., 10c.

519 **Large-Flowering**. Mixed colors. Heads of flowers nearly double the size of the old sorts. Pkt., 15c.

Hollyhock

533 **Indian Spring**. (New Annual.) Blooms in less than five months after seed is sown and blooms continuously until frost. Bright rose and rosy carmine. Semi-double. 4 to 5 feet. Pkt., 10c; ¼ oz., 35c.

534 **Everblooming Hybrids** (Annual Hollyhocks). Double, Semi-Double and Single. Mixed. A new strain, blooming the first season from seed. Pkt., 10c; ¼ oz., 25c.

Humulus (Hop)

Rapid-growing climbers with attractive foliage. The Japanese variety is a hardy annual, the best for quickly covering unsightly objects.

537 **Japonicus** (Japanese Hop). Pkt., 10c; ¼ oz., 25c.

538 **Japonicus, Variegated Foliage**. Pkt., 10c; ¼ oz., 30c.

Hunnemannia

540 **Fumariaefolia** (Giant Tall Poppy or Bush Eschscholtzia). A yellow Poppy, pleasing both in the border and as a cut flower. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

541 **Sunlite**. Gorgeous semi-double, clear canary-yellow blooms, with extra band of petals outside. Foliage is a light gray-green. Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.

Ice Plant (Mesembryanthemum)

546 **Crystallinum**. A trailing plant, with succulent stems and leaves. Excellent for hanging baskets and rock-work. Tender annual. 9 inches. Pkt., 10c; ¼ oz., 25c.

Ipomoea (Morning Glory)

Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soils, but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet.

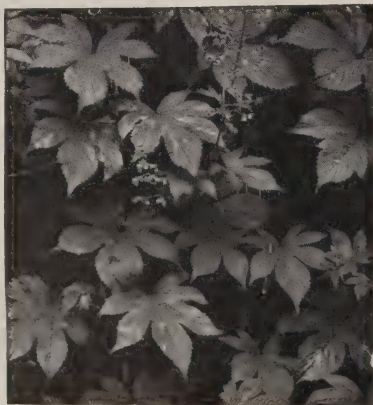
547 **Cornell**. Large flowers, carnelian-red, bordered white, free flowering; attractive bright green foliage. Pkt., 10c; ½ oz., 35c.

548 **Pearly Gates**. Large lustrous white flowers blending to cream in the throat, making a heavy cascade of flowers on fence, trellis, or garden wall. Pkt., 20c.

549 **Cardinal Climber** (*Ipomoea quamoclit hybrida*). Leaves are dark green, fernlike and deeply lacinated; bears a great profusion of fiery, cardinal-red flowers. Pkt., 10c; ½ oz., 20c; ¼ oz., 35c.



Helichrysum (Strawflower)



Humulus (Hop)



Hunnemannia Fumariaefolia

550 **Bona Nox** (Evening Glory). Beautiful, large, violet-blue flowers which open at night. Rapid growth. Pkt., 10c.

552 **Rose Marie**. Double early flowering, clear deep rose. Pkt., 10c.

553 **Heavenly Blue**. Clark's Earliest. (*Rubra coerulea*). Deep sky-blue flowers, 4 to 5 inches across. Early flowering. Pkt., 10c; ¼ oz., 30c.

554 **Scarlett O'Hara**. Rich dark wine-red, freely produced on fast growing vines, which start blooming within 65 days after seed is sown. Pkt., 15c; ½ oz., 35c.

Jerusalem Cherry (Solanum)

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage. Popular for greenhouse or house decoration.

555 **Solanum Capsicastrum**. Covered with scarlet fruit during the winter. 1½ feet. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

Kochia

556 **Tricophylla** (Summer Cypress). A very quick-growing annual. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. 2½ feet. Pkt., 10c; ¼ oz., 20c.

Lantana

562 **Hybrida Finest Mixed**. Shrubby, with many clusters of dainty flowers in yellow, orange, red, and pink. 18 inches. All summer. Fine for potting. Pkt., 10c; ½ oz., 25c.

Lavatera Trimestris

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

576 **Rose-Pink** 577 **White**
Pkt., 10c.

Linum (Crimson Flax)

580 **Grandiflorum Rubrum**. The rich crimson flowers last only a day, but are borne continuously until frost. 15 to 18 inches. Pkt., 10c; ¼ oz., 25c.

Lobelia

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging baskets, vases and rock work. Half-hardy annuals.

585 **Crystal Palace Compacta**. Rich blue flowers, dark foliage. Pkt., 10c; ½ oz., 50c.

586 **Cambridge Blue**. Large light blue flowers, green foliage, compact. Pkt., 10c; 1/16 oz., 50c.

587 **Blue Gown**. Clear deep blue. Pkt., 10c.

Lunaria (Honesty)

589 **Biennis**. Hardy biennial, but grown as annuals, admired for their silvery, papery seed pods, which are used for house ornamentals. 3 feet. Pkt., 10c; ½ oz., 25c.

Lupin

590 **Annual Varieties, Mixed**. Easily grown plants. Long, graceful spikes of pea-shaped flowers of various colors. 2 feet. Pkt., 10c; ½ oz., 20c; oz., 30c.

Marigolds

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually tall. The French type is of dwarf habit and flowers are striped. Hardy annual, 1 to 3 feet.

596 Dwarf Gigantic (Gypsy Jewels). Sweet scented flowers 4 to 4½ inches in diameter on 12- to 15-inch plants. A wide range of brilliant shades. Pkt., 15c.

597 Dwarf Double Butterball. (Harmony Type.) Soft butter-yellow; crested centers, tubular petals, each carrying a touch of maroon at the tip. Pkt., 10c.

598 Mission Giant Goldsmith. Rich golden orange flowers 4 to 5 inches in diameter. Height 18 inches. Pkt., 10c.

599 Scarlet Glow. (Dwarf Double French.) Deep scarlet flowers turning to rich tangerine. Height 10 inches. Pkt., 10c.

600 Yellow Supreme. 2 to 2½ feet. Tall, bearing loosely ruffled creamy lemon-yellow carnation-flowered blossoms. Pkt., 10c; ¼ oz., 25c.

600A Guinea Gold. Brilliant orange with double, ruffled, loose-leaf petals. 2 to 2½ feet high, producing flowers 2 to 2½ inches across. Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; 1 oz., 80c.

601 Lemon "All Double." Pkt., 10c; ½ oz., 40c.

601A Orange "All Double." Pkt., 10c; ½ oz., 40c.

602 Gigantea, Sunset Giants. A remarkable new sweet scented, robust growing, extremely large flowered type; ideal for show purposes, florists, and garden decoration. Pkt., 10c; ½ oz., 35c.

603 African Double Mixed. All shades of the African type. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; 1 oz., 60c.

604 Collarette, Crown of Gold. Orange, 2½-inch flowers, crested centers, broad guard petals, odorless foliage. Pkt., 10c; ½ oz., 25c.

605 Harmony. Double Dwarf French. Dwarf compact plants, flowers golden yellow bordered maroon-red, scabious-shaped. Pkt., 10c; ¼ oz., 25c.

606 French Dwarf Double, Royal Scot. Uniformly dwarf, compact plants, fully double, rich mahogany-red and gold striped flowers. Pkt., 10c; ½ oz., 35c.

607 French Double Mixed. Shades of yellow and brown. 2 feet. Pkt., 10c; ¼ oz., 20c.

608 Lieb's Winter Flowering. Maroon and golden yellow flowers, crested center, very late blooming, excellent for winter cut flowers when greenhouse grown. Pkt., 10c; ½ oz., 40c.

609 Early Dixie Sunshine. (Sunrise.) Brilliant golden yellow, comes 100 per cent fully double and blooming commences by August. Pkt., 10c.

609A Tall Single French, Josephine. Dark maroon-brown, edged with gold. Plants grow 2 feet high, bushy. Flowers are fine for cutting. Pkt., 10c; ¼ oz., 25c.

609B Tall Single, Ferdinand. Crested center of golden yellow, surrounded by a single row of broad mahogany-red guard petals. Pkt., 10c; ½ oz., 40c.

SCOTCH MARIGOLD. See Tagetes, page 48.

Matthiola Bicornis

(Night Scented Stock)

610. A hardy annual with rosy lavender flowers, giving forth a delightful fragrance—especially toward evening. 1 foot. Pkt., 10c; ¼ oz., 20c.

Mignonette

(Reseda Odorata)

A well-known and popular hardy annual, prized for its delightful fragrance. Seeds sown in autumn will bloom in early spring, and when sown the last of July will come into flower in a few weeks and continue until frost.

614 Bismark. Large red flowers, very fragrant. 1 foot. Pkt., 10c; ½ oz., 25c.

615 Grandiflora. Improved, large-flowered, Sweet Mignonette. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

618 Golden Queen. Golden yellow. Pkt., 10c; ¼ oz., 20c; ½ oz., 60c.

619 Machet Improved. Large thick spikes of reddish cast, of dwarf habit, dark foliage; best for pots. Pkt., 10c; ¼ oz., 25c.

620 Giant White. Best white. Pkt., 10c; ¼ oz., 20c; 1 oz., 60c.

621 New York Market. Long-stemmed reddish spikes. Pkt., 10c; ½ oz., 30c.

625 Mixed Varieties. The above and other varieties. Pkt., 10c; ¼ oz., 20c; 1 oz., 60c.

MORNING GLORY, DWARF. See Convolvulus minor.



Mignonette



Marigold, Yellow Supreme

Matricaria (Feverfew)

611 Capensis Alba Plenissima. Double white, 24 inches. Very decorative in beds or borders, fine for cutting. Perennial, but may be treated as annuals. Pkt., 10c; ¼ oz., 30c.

612 Golden Ball. Dwarf double. Compact bushes 10 inches high covered with tiny chrysanthemum-like golden yellow flowers. Pkt., 10c; ½ oz., 40c.

Moonflower (Ipomoea)

635 Grandiflora Alba (Ipomoea noctiflora). Rapid-growing variety reaching height of 30 feet. Large white flowers open in evening and on cloudy days. Pkt., 10c; ½ oz., 30c.

635B Pink Hybrid Moonflower. Color, soft lilac-pink. Vines are of rapid growth with large leaves. Blooms very profusely. Pkt., 10c; ½ oz., 35c.

MUSK PLANT. See Mimulus.

MOURNING BRIDE. See Scabiosa.

Morning Glory

(Convolvulus Major)

A well-known vine of easiest culture. Hardy annual. 10 feet.

636 Mixed Colors. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

637 Japanese Giant Morning Glory. Larger than the common type, the range of colors much greater. 8 feet. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

Ipomoea. See page 40.

Nemesia

Long blooming annual with large flowers, varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet.

756 Strumosa Suttoni. Pkt., 10c.

Nemophila (Love Grove)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter usually in shades of blue and white, often spotted with brown.

757 Mixed. Pkt., 10c; ¼ oz., 20c.

Ross' Colorful Nasturtiums

No other annual plant combines in so great a degree ease of culture, profusion of bloom and grace and beauty of flowers, as the Nasturtium.

Tall Nasturtiums

(*Tropaeolum majus*)

- 672 Choice Mixed. Many varieties; a wide range of colors. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.40.
673 Special Mixture. Including dark-leaved varieties. Pkt., 10c; ½ oz., 15c; oz., 25c.

Worcester Tall Mixed

- 705 Worcester Mixed Tall Nasturtiums. Our own mixture of many varieties; comprises selections from all classes, including the New Variegated-Leaved or Queen, and choice mixtures from different growers. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Semi-Dwarf Nasturtium

Double Sweet Scented

- 708 Gleam Hybrids. The Hybrids are a collection of gorgeously colored large, well-formed flowers of dazzling beauty. Pkt., 10c; oz., 20c.
709 Scarlet Gleam. The flowers are a fiery orange-scarlet. The individual blooms are of immense size, almost three inches across, much larger than any Nasturtium ever known. Pkt., 10c; oz., 25c.
710 Golden Gleam. Large golden flowers average 2½ to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 10c; oz., 20c.
711 Indian Chief. Brilliant scarlet, dark green foliage. Pkt., 10c; ½ oz., 30c; oz., 50c.
712 Mahogany. Dark mahogany-red. Pkt., 10c; oz., 30c.
714 Supreme. Salmon-cerise. Pkt., 10c; oz., 30c.



Golden Gleam
Nasturtiums



Dwarf Nasturtiums Are Ideal For Bedding

Dwarf Semi-Double Nasturtium

Sweet Scented

- 716 Golden Globe. Golden yellow. Pkt., 10c; oz., 30c.
718 Mahogany Gem. Deep mahogany. Pkt., 10c; ½ oz., 25c; oz., 40c.
720 Orange Gem. Clear orange. Pkt., 10c; ½ oz., 25c; oz., 40c.
722 Ruby Gem. Bright ruby-red. Pkt., 10c; ½ oz., 25c; oz., 40c.
724 Salmon Gem. Soft golden salmon. Pkt., 10c; ½ oz., 25c; oz., 40c.
726 Scarlet Globe. Scarlet. Pkt., 10c; ½ oz., 25c; oz., 40c.
728 Dwarf Double Gem Mixture. Sweet Scented. Dwarf compact gemlike plants, excellent color range. Pkt., 10c; oz., 30c.

Dwarf, or Tom Thumb Nasturtium

The dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooms profusely.

- 742 Finest Mixed. Dark leaved varieties. Pkt., 10c; ½ oz., 15c; oz., 25c.
744 Ivy-Mixed. Ivy-shaped dark green leaves with white veins. The flowers are deeply lacinated and come in many attractive colors. Pkt., 10c; ½ oz., 15c; oz., 25c.
746 Choice Mixed. While not equal to the Worcester Mixed, of wide range of colors and will give pleasing results. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.40.

Worcester Mixed Dwarf Nasturtium

747. Like the Worcester Tall Mixed, this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties and classes here described and other choice mixtures of noted growers. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.
749 Variegated Leaved or Queen of Tom Thumbs, Mixed. Shades, light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors. Pkt., 10c; ½ oz., 15c; oz., 25c.



Fringed Petunia, Dainty Lady

Petunias A GARDEN FAVORITE

An attractive and favorite hardy annual. Used for window boxes, beds or borders. They will grow in almost any kind of soil, even the poorest, blooming profusely from early summer until frost.

811A Betsy Ross. Dwarf compact plants. The red and white blooms with golden and dark red throats are 2½ inches in diameter. Pkt., 25c.

812 Celestial Rose. Deep rose, compact. Pkt., 10c; ¼ oz., 50c.

813 Grandiflora Single Fringed, Dainty Lady. Compact, semi-dwarf plants with medium sized, delicately fringed light golden yellow flowers. Pkt., 50c.

814 Finest Mixed. A superior mixture. Pkt., 10c; ¼ oz., 20c; ½ oz., 40c; oz., \$1.50.

814A Silver Blue (Heavenly Blue). Light blue. Pkt., 10c; ¼ oz., 50c.

815 Cream Star (Hybrida Nana Compacta). Flowers are a soft, creamy white, bluntly star shaped. Pkt., 15c.

815A Glow. Bright rose-red with a lighter throat. Pkt., 10c; 1/16 oz., 60c.

815B Hollywood Star. Rich rose with amber throat, the form of flower consists of a five-pointed star. Pkt., 10c; ½ oz., 50c.

816 Howard's Star. Rich shade of maroon, with five-pointed star of white. Very pretty. Pkt., 10c; ½ oz., 40c.

817 Dwarf Inimitable Mixed Colors. Dwarf, bushy plants, flowers mostly beautifully striped and blotched. Pkt., 10c; ½ oz., 40c.

817A Rose of Heaven. Brilliant rose, dwarf. Pkt., 10c; ½ oz., 50c.

818 Rosy Morn. Extra select. A single flower, soft carmine-pink. A profuse bloomer. Pkt., 10c; ½ oz., 50c; ¼ oz., 90c; ½ oz., \$1.50.

818A Salmon Supreme. Soft salmon-pink with lighter throat. Pkt., 25c.

819 Setting Sun. Dwarf rose, very free-flowering. Pkt., 25c.

820 Elk's Pride. Largest and darkest velvety purple. Pkt., 25c.

820A Flaming Velvet. Deep velvety blood-red, about 15 inches in height and the flowers are large and borne in great profusion. Pkt., 10c; ½ oz., 60c.

820B Martha Washington. Blush-pink deepening to dark violet throat, ruffled flowers, dwarf. Blooms about 3 inches in diameter. Pkt., 20c.

820C Snow Queen. Large flowers, white. Pkt., 10c; ½ oz., 35c.

820D Topaz Rose. A fiery velvety rose slightly suffused with gold. The throat is the color of topaz. Pkt., 10c; ½ oz., 50c.

Nicotiana

(Flowering Tobacco)

Handsome, effective, half hardy annuals, blooming profusely the entire season and thriving in all soils.

758 Affinis. White, starlike flowers, deliciously fragrant, expand fully in the evening. 2 to 3 feet. Pkt., 10c; ¼ oz., 25c.

759 Sanderae. Rose-carmine; remarkably profuse in bloom. Unlike the Affinis, is in full bloom during the day. 3 to 3½ feet. Pkt., 10c; ¼ oz., 25c.

760 Sanderae Hybrids. New hybrids, comprising several distinct colors or shades. Pkt., 10c; ¼ oz., 25c.

Nierembergia (Dwarf Cup Flower)

760B Hippomanica. Lavender-blue flowers on dwarf compact plants. 4 to 6 inches high with a spread of 8 to 10 inches. Half-hardy perennial which will winter over if given some protection. Pkt., 25c.

Nigella

(Love-in-a-Mist; Lady-in-Green; Devil-in-a-Bush)

The blue or white flowers are half hidden in the abundant finely cut foliage, hence its common names. 1 to 1½ feet.

761 Blue and White. Mixed. Pkt., 10c; ¼ oz., 20c.

821 Miniature Mixed. Pkt., 10c; 1/16 oz., 40c.

823 Dwarf Giants of California. (Ramona Strain.) Dark and light colors. Pkt., 25c.

824 Giants of California. A superb strain. Flowers are of remarkable substance, enormous size and many are beautifully fringed. Pkt., 25c; 1/16 oz., \$3.00.

All Double Petunias

Acknowledged by countless testimonials to be 100 per cent double. Flowers frequently exceed 5 inches in diameter and are exquisitely ruffled and fringed in a vast range of brilliant intermediate colors.

822 Victorious Dwarf Mixed. Pkt., \$1.00.

825 Double, Large-Flowered, Choice Mixed. An excellent mixture comprising a large variety of colors, with a good percentage of double flowers. Pkt., 50c.

826 Balcony Blue. Dwarf type for porch or window boxes. Pkt., 10c; 1/16 oz., 40c.

827 Balcony Rose. Pkt., 10c; 1/16 oz., 40c.

828 Balcony White. Pkt., 10c; 1/16 oz., 40c.

829 Balcony, Star of California. Deep velvety violet, shaded crimson, with white star. Pkt., 10c; 1/16 oz., 40c.

829A Balcony Mixed Colors. Pkt., 10c; 1/16 oz., 35c.



Petunia, Cream Star

Poppy

Well-known hardy plants of quick growth, blooming profusely for a considerable time.

SINGLE ANNUAL POPPIES

- 862 Tulip Poppy** (Glaucum). Large tulip-shaped flowers, deep scarlet. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
- 870 Shirley.** A lovely strain, delicate and rich shades. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
- 871 True Flanders.** The scarlet Poppy of the fields of Flanders. They flower the first season from spring-sown seed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DOUBLE ANNUAL POPPIES

- 878 Carnation-Flowered.** Mixed. Fine, large, fringed flowers of many colors. Pkt., 10c; oz., 30c.
- 880 Dazzler.** Orange-scarlet. Pkt., 10c.
- 884 Peony-Flowered.** Mixed. Large, globular flowers, resembling a Peony. Pkt., 10c; $\frac{1}{2}$ oz., 20c.
- 885 Shirley.** Double mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 886 Tall Double Carnation-Flowered White.** (Fringed.) Flowers from 3 to 4 inches across; very double and finely fringed. Pure white. Sold out.
- 888 Worcester Mixed.** Our own mixture of single and double annual varieties. All types and colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

CALIFORNIA POPPY. See *Eschscholtzia*.



Annual Poppies Are Profuse Bloomers

Phlox Drummondii

Phlox is one of the easiest and most satisfactory of all the summer-flowering annuals, even in poor or stony soil. Sow seed early in spring in a sunny location.

- 830 Mixed Colors.** Pkt., 10c; $\frac{1}{8}$ oz., 50c.
- 831 Large Flowering.** Extra choice. Mixed colors. Our own mixture of the choicest and best strains from different growers. Pkt., 10c; $\frac{1}{8}$ oz., 60c.
- 833 Isabellina.** Pure yellow. Pkt., 10c; $\frac{1}{8}$ oz., 60c.
- 841 Dwarf** (*P. Drummondii nana compacta*). 6 to 8 inches high. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 60c.
- 842 Gigantea, Art Shades.** A giant flowered strain in soft pastel shades with large white eye. 8 to 10 inches high. Pkt., 10c; $\frac{1}{8}$ oz., 60c.
- 842A Gigantea, Salmon Glory.** Pure salmon-pink with creamy white eye. Pkt., 25c; $\frac{1}{8}$ oz., 60c.
- 843 Star or Fringed** (*P. Drummondii cuspidata*). Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 50c.



Phlox Drummondii

Primula (Primrose)

PRIMULA SINENSIS (Chinese Primrose).

A beautiful winter-blossom greenhouse perennial blooming from December to spring.

- 900 Choicest Mixed.** Comprises the finest fringed varieties. Cannot supply.
- 902 Malacoides.** Lilac. Pkt., 25c.

Portulaca

Well-known tender annuals, blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather.

- 894 Double Choice Mixed.** Usually from fifty to sixty per cent of the flowers will come double. Pkt., 10c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25; oz., \$4.00.
- 895 Single Scarlet.** Pkt., 10c; $\frac{1}{4}$ oz., 75c.
- 896 Rose.** Pkt., 10c; $\frac{1}{4}$ oz., 75c.
- 899 Single Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Rhodanthe

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade they will retain their color for years.

- 920 Mixed Colors.** All shades of pink, rose, crimson and white. Pkt., 10c.

Rudbeckia (Coneflower)

To this family belong the favorite plants Golden Glow and Black-Eyed Susan.

923 Bicolor Superba. Bright yellow, with velvety brown spots at base of petals. Two feet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

924 My Joy. Giant Black-Eyed Susan. Large orange-yellow flowers, dark cone. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Salpiglossis

(Velvet Flower; Painted Tongue)

Graceful, half-hardy annual, blooming from August to October. Seed may be sown in the house the last of March or in the open ground in May. 2 feet.

928 Grandiflora. Choicest mixed. Extra large flowered strain. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

929 Emperor. Mixed colors. New type with one thick leading stem, flowers large and distinct in their beautiful veinings of gold. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Salvia (Scarlet Sage)

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hotbed and the plants set out when the weather has become warm.

934 America, or Globe of Fire. Semi-dwarf, rounded. Scarlet flowers. 16 inches. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

935 Splendens Grandiflora. The well-known Scarlet Sage. 2 feet. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

936 Bonfire (Clara Bedman). Compact, bushy growth. Blooms earlier and more profusely. Intense scarlet. 2 feet. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

937 Farinacea, Blue Bedder. Compact deep blue. 3 feet. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

938 Zurich. Dwarf compact, brilliant scarlet flowers blooming in July. 12 inches. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

Early Flowering Sweet Peas

American Beauty. Rich crimson-rose on white ground. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Ball's Orange. Rich orange. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Ball's Rose Imp. Rich deep rose, suffused with salmon-pink. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Boy Blue. Large dark blue. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Bridesmaid. Deep silvery pink on white ground. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Emblem. Soft salmon-pink on cream, long stems. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Giant Rose. Extremely large rose-pink. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Harmony. Beautiful clear lavender. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Jeanne Mamitsch. Bright rich pink. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Laddie Imp. Giant rose-pink, long stemmed. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Memory. Clear rosy lavender, large wavy flowers. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Mrs. Herbert Hoover. Clear deep blue. "California Blue." Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Prosperity. Rich salmon-pink on cream. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Shirley Temple. Large, soft pink, frilled. Long stems. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Silver King. Beautiful light silver-blue. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Snow Queen. (New.) Pure white, black seeded, opens and retains pure white color. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Snowstorm Imp. Large pure white, white seeded. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Vulcan. The most vivid scarlet. Sunproof. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

No. 1295 Rainbow Assortment of Our Best Mixed Sweet Peas

SPENCER VARIETIES

The varieties consist of Giant and Orchid-Flowered, both Spencer Unwin types and many other unnamed Spencers. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

No. 1296 Blue Ribbon Assortment of CHOICE Mixed Spencer Sweet Peas

Containing the new Orchid-Flowering and Eckford's Large-Flowering Hybrids in great variety with other older types of known popularity.

Price: Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.



Ross' Colorful Sweet Peas

Leading Spencer Varieties

All uniform price except where noted:
Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c, postpaid.

Multi-Color Shades

Station Master. Salmon-pink, flushed rosy cerise.
Sunkist. Cream with picotee edge of rose.
Youth. White, edged rose-pink.

Blue Shades

Bluebird. Pure violet-blue.
Capri. Clear silver-blue, long stems, vigorous grower.
Heavenly Blue. Delphinium-blue.

Cream and Primrose Shades

Dobbie's Cream. Rich primrose.
Mary Pickford. Dainty cream-pink-salmon.
What Joy. Rich, suffused cream.

Salmon and Orange Shades

Barbara. Soft salmon.
Prince of Orange. Deep rich orange.
Gold Crest. Orange, overlaid with a salmon sheen.

Crimson-Scarlet Shades

Charity. Rich crimson.
Crimson King. Rich, deep crimson.
Fiery Cross. Scarlet-cerise, slightly suffused orange.
Red Boy. Pure rich crimson, long stems, vigorous.
Rubicund. Dazzling crimson-scarlet, extra long stems.



Spencer Sweet Pea, Pinkie



Spencer
Sweet
Pea,
Prince of
Orange

Lavender and Purple Shades

Ambition. Rosy lavender, extra long stems.
Austin Frederick Improved. A large rosy lavender.
Highlander. Large-flowered clear lavender.
Royal Purple. A rich purple.

Maroon and Chocolate Shades

Leviathan. Rich maroon.
Warrior. Deep chocolate-maroon.

Pink Shades

Bonnie Briar. Large, rose-pink.
Fluffy Ruffles. Light cream-pink.
Miss California. Salmon-pink.
Pinkie. Large, rose-pink.
Simplicity. Rich salmon-pink on cream.
Melody. Golden salmon-pink on cream ground.

White Shades

Gigantic. Large pure white. Long stemmed.
Kames. Black-seeded pure white.
King White. Large pure white. White seeded.
Sextet Queen. Pure white, 5 or 6 flowers on stem. Black seeded.

Spring-Flowering Sweet Peas

Spring-Flowering Rose-Pink. New class maturing between early-flowering and late-flowering classes. Outdoors it is also free blooming, believed more heat resistant and a little earlier than regular Spencer varieties. Pkt., 25c.

Spring-Flowering Blue. Lavender marine-blue in color. Pkt., 25c.



Large Flowered Scabiosa, Mixed Colors

Sanvitalia

940. Double; fine for bedding, borders or rockeries. The flowers are bright yellow. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Scabiosa (Mourning Bride)

The flowers are large and double, with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2½ feet.

941 **Imperial Giants, Blue Moon.** Extremely large, well-formed flowers with fully double, broad frilly petals, rounded beehive shape. Pkt., 10c.

941A **Heavenly Blue.** About 18 inches tall, free-flowering, with fully double 1½-inch flowers. Very early, azure-blue, distinct. Pkt., 10c.

942 **King of the Blacks.** Large flowered, tall double, red-dish black. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

943 **Rosette.** Large-flowered, tall, double. Deep rose, heavily suffused with salmon. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

944 **Shasta.** Large flowered, tall double. Pure white, very large. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

945 **Large-Flowered.** Mixed colors. Fine, large double flowers in a wide range of colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

SCARLET RUNNER. See Beans—Ornamental Varieties.

Schizanthus

(Butterfly, or Fringe Flower)

Showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory.

948 **Grandiflorus Hybrids.** Very fine varieties. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

949 **Wisetonensis.** Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Sensitive Plant (Mimosa Pudica)

950 **Pudica.** Globular heads of small pink flowers. Tender annual. 1½ feet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

SNAPDRAGON. See Antirrhinum.

SOLANUM CAPSICASTRUM. See Jerusalem Cherry.

Smilax

955. A climbing plant, unsurpassed for its graceful foliage and orange blossom fragrance of its flowers. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Statice

Beautiful everlasting with spreading panicles of tube-like flowers that are decorative either in the garden or when cut.

956 **Suworowi Pink.** Pkt., 10c; $\frac{1}{4}$ oz., 35c.

956A **Sinuata Blue.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

956B **Sinuata Yellow.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

956C **Sinuata White.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Sweet William

1310 Annual Finest Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Stock (Gilliflower)

One of the most popular annuals, remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers.

957 **Beauty of Nice.** Mammoth flowering. Delicate flesh-pink, extra large spike. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

958 **Mont Blanc.** Purest white. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

959 **Monte Carlo.** Canary-yellow. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

961 **Summer Night.** Rich deep blue. Pkt., 10c; $\frac{1}{16}$ oz., 25c.

DRESDEN PERPETUAL OR BRANCHING (Cut-and-Come-Again)

A perpetual blooming class of branching habit; double fragrant flowers. 2 feet.

967 **Choicest Mixed.** Pkt., 10c; $\frac{1}{16}$ oz., 25c; $\frac{1}{8}$ oz., 40c.

971 **Large-Flowered Double Ten Weeks Mixed.** Seeds grown in the open ground instead of in pots, therefore cheaper. A good range of colors. 1½ feet. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.

972 **Double Early Giant Imperial Mixed.** (Imp. Bismarck.) Pkt., 10c; $\frac{1}{8}$ oz., 40c.

DOUBLE GIANT COLUMN

Immense fully double close-spaced flowers, one 2-ft. to 2½-ft. spike per plant. This is a strictly non-branching strain.

972A **Mixed Colors.** Pkt., 25c.



Ten Weeks' Stocks



Verbena, Mammoth White

Sunflower (Helianthus)

The Sunflower grows well in all soils if fully exposed to the sun. The taller varieties make excellent background to other plants.

- 975 **Cucumerifolius** (Miniature Sunflower). Small single flower, rich yellow. 4 feet. Pkt., 10c; $\frac{1}{2}$ oz., 25c.
- 976 **Globosus Fistulosus** (Globe or Dahlia Sunflower). Flowers large, double, of a rich saffron color. 6 feet. Pkt., 10c; $\frac{1}{2}$ oz., 25c.
- 977 **Red Sunflower**. The new Red Sunflower is easily grown from seed the same as all of the Helianthus family. Pkt., 10c; $\frac{1}{2}$ oz., 30c.
- 980 **New Miniature Varieties**. Colors of yellow and creamy white. Some are large, some have twisted petals and some black centers. Pkt., 10c; $\frac{1}{2}$ oz., 25c.
- 984 **Double Chrysanthemum-Flowered**. Flowers larger than the preceding; full and double. Orange-yellow. 5 feet. Pkt., 10c; $\frac{1}{2}$ oz., 35c.
- 986 **Russian Mammoth**. Very large. 7 to 9 feet. Oz. pkt., 10c.

SWEET SULTAN. See Centaurea, page 36.

Tagetes (Scotch Marigold)

1312 **Signata Pumila**, Little Giant. 6 to 8 inches. A bright yellow color. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Thunbergia

1315 **Mixed**. An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Verbena

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases.

- 1319 **Mammoth Golden Queen**. Clear golden yellow. Pkt., 10c; $\frac{1}{8}$ oz., 35c.
- 1320 **Mixed Colors**. A good strain, all colors of old type. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c.
- 1321 **Mammoth Mixed Colors**. Best large flowering sorts of many colors. Pkt., 10c; $\frac{1}{2}$ oz., 50c; oz., 90c.
- 1322 **Scarlet Defiance**. Large trusses of deep, rich scarlet. Pkt., 10c; $\frac{1}{8}$ oz., 35c.
- 1323 **Mammoth White**. Truss and flowers large, fragrant. Pkt., 10c; $\frac{1}{8}$ oz., 35c.
- 1324 **Royal Bouquet**. Finest mixed. Upright, large flowers, auricula-eyed, especially good for pot culture. Pkt., 15c; $\frac{1}{8}$ oz., 60c.
- 1325 **Mammoth Mayflower**. Beautiful pink. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- 1326 **Crimson Glow**. Rich glowing crimson. The plants are semi-compact in habit with foliage of small type. Pkt., 15c.
- 1327 **Fireball** (Nana Compacta). A dwarf compact Verbena, growing about 6 inches high and covered with bright scarlet blooms. Pkt., 10c.

1328 HYBRID COMPACTA TYPE (Edging Verbena)

They are excellent for the annual rock garden in a sunny position, for borders or edgings, or for window boxes or pots. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Wild Cucumber Vine

1346 **Wild Cucumber** (Echinocystis lobata). One of the most rapid growing climbers with white, fragrant flowers. Seed may be sown either in the fall or spring. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Of Special Interest to the Kiddies

- 1386 **Wild Flower Garden Mixture**. A mixture of many free-blooming annuals which, once sown, require little care. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 80c.
- 1387 **Old-Fashioned Flower Garden Mixture**. This is a mixture of old standard varieties of flower seeds which will give a supply of flowers for cutting throughout the entire season. Pkt., 10c.

WORCESTER DOLLAR COLLECTION

Annual Chrysanthemum. Mixed colors.

Asters. Worcester mixed.

Balsam. Choice mixed.

Calendula. Choice mixed.

Carnation. Double fine mixed.

Cosmos. Large early flowering.

Helichrysum. Mixed colors.

Nasturtium. Dwarf mixed.

Pansy. Worcester mixed.

Phlox. Finest mixed.

Portulaca. Single mixed.

Salpiglossis. Mixed colors.

Scabiosa. Mixed.

Sweet Alyssum. Little Dorrit.

Verbena. Mixed colors.

15 Packets
of Lovely
Annuals
Anyone Can
Grow
For \$1.00
Only
Postpaid



ROSS' ZINNIAS

1350 Mixed Colors. Improved strain, all colors, large flowers. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

1350A Linearis. Dwarf early flowering. The single flowers are deep golden orange, with a delicate light yellow stripe which contrasts boldly with the dark center, plants 8 to 10 inches high with a spread of as much as 2 feet. Pkt., 15c; $\frac{1}{8}$ oz., 40c.

Mammoth-Flowered Zinnia

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, measuring from 4 to 6 inches in diameter.

1351 Mammoth Crimson

1352 Mammoth White

1353 Mammoth Scarlet

1354 Mammoth Yellow

1355 Burnt Orange

1356 Deep Salmon-Rose

Each, pkt., 10c; $\frac{1}{4}$ oz., 35c.

1358 Mammoth. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Pumila Dwarf Double

(Cut-and-Come-Again)

Bushy plants about 1½ ft. tall. The flowers average about 2½ inches across, well rounded and freely produced on long stems. Ideal for cutting.

1360 Finest Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lilliput

(Pompon or Baby Zinnias)

The Lilliputs are fast supplanting all other types of Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stems.

1362 Pastel Mixture. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1363 Finest Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1364 Fantasy Mixed. Double rounded flowers composed of a mass of shaggy raylike petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

1365 Scabious Flowered Mixture. Plants 2 to 2½ feet, bearing numerous medium sized flowers resembling the annual Scabiosa. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Super Crown O' Gold

1366 Pastel Tints. Flowers are large and showy, 5 to 5½ inches in diameter. Strictly a mixture of pastel tints. The plants are strong and robust, growing about 3 feet tall. Pkt., 15c; $\frac{1}{8}$ oz., 40c.

Zinnia, New Giant Dahlia-Flowered

The plants are of medium height, 2½ to 3 feet tall, very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

1367 Will Rogers. Brilliant scarlet-red.

1368 Crimson Monarch. Deep crimson.

1370 Dream. Deep rosy lavender.

1372 Exquisite. Color light rose, center a deep rose (Tyrian rose).

1374 Oriole. Immense orange and gold bicolor, changing slightly as it ages.

1376 Old Rose. Real old rose shade; large and beautiful.

1378 Polar Bear. Large, pure white, the best in Zinnias. True Dahlia form.

Each of the above, pkt., 15c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 45c.

1380 Special Mixture Gold Medal Strain. A well-blended mixture containing all the above novelties. Pkt., 15c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 45c.

1381 Gaillardia Flowered. Finest mixed. (Navajo.) Flowers resemble a Picta Double Gaillardia in both form and colorings. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

1382 Lilliput Tom Thumb. Mixed. Plants 4 to 6 inches, compact, covered with well-formed flowers of the Lilliput type. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Most Useful of Flowers

The most gorgeous annuals with a wonderful range of color, flowers of velvety texture, extremely double, with long stems and good keeping qualities.



Giant Dahlia-Flowered Zinnias Are the Foundation of the Garden



"Flowers Have Been Called the Smiles of God"

HARDY PERENNIALS

That Endure for Years

Achillea

135 *Ptarmica* (The Pearl). Bears clusters of pure white flowers abundantly all summer; fine for cutting; also for cemetery planting. 12 to 18 inches. Pkt., 10c.

Aconitum

136 *Napellus* (Monkshood). Large, porcelain-blue hood-shaped flowers; very effective in borders; valuable for cutting. 1½ feet high. Pkt., 10c; ¼ oz., 50c.

Adlumia

140 *Cirrhus* (Mountain Fringe; Allegheny Vine). A beautiful, hardy, climbing biennial. The feathery foliage resembles that of the maidenhair fern. Rapid growth. Small, tube-shaped pink blossoms. Desirable for covering trellises, stumps, etc. 10 to 15 feet. Pkt., 10c.

Adonis

145 *Vernalis* (Ox-Eye). Hardy perennial, blooming early in spring. Flowers large, yellow. 18 inches. May and June. Pkt., 10c.

Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

161 *Coronaria* (Rose Campion). One of the earliest hardy perennials. 1½ feet. Pkt., 10c; ¼ oz., 25c.



Anemone Coronaria, DeCaen and St. Brigid

Alyssum (Gold Dust)

170 *Saxatile Compactum*. Hardy, compact growth, producing a mass of golden yellow flowers in April. Height 1 foot. Of easy culture. Excellent for rockeries and borders. Pkt., 10c; ¼ oz., 25c.

Ampelopsis

182 *Veitchi* (Boston Ivy). Pkt., 10c; ½ oz., 30c.

Anchusa

186 *Dropmore Variety*. This variety yields an abundance of brilliant blue flowers. 4 feet. June and July. Pkt., 10c; ¼ oz., 25c.

Anemone

A very popular, hardy garden perennial.

188 *Coronaria, French* (De Caen). Fine mixed. 1 foot. Pkt., 10c.

189 *Coronaria, St. Brigid*. An improved strain, bearing larger and more brilliant flowers and remaining in bloom longer. 1 foot. Pkt., 10c.

Anthemis

(Hardy Golden Marguerite)

A beautiful, hardy perennial; golden yellow, daisy-like flowers, excellent for cutting. Height 2 feet.

190 *Kelwayi*. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

Aquilegia

(Columbine)

Beautiful free flowering hardy perennials, blooming throughout the spring and early summer. Of easy cultivation and will thrive in partial shade. 1 to 3 feet.

200 *Single Mixed*. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

202 *Double Mixed*. Pkt., 10c; ¼ oz., 50c.

204 *Coerulea Hybrida Fl.-Pl.* Long spurred, flowering hybrids in fine colors. Pkt., 10c; ¼ oz., 50c.

Arabis (Rock Cress)

209 *Alpina*. Charming low-growing, very early spring-flowering plant. Splendid for edging or for the rockery. Pure white flowers. 5 inches. April, May. Pkt., 10c; ¼ oz., 30c.

Aristolochia

215 *Elegans* (Dutchman's Pipe). A hardy perennial vine of rapid growth with large, glossy heart-shaped leaves, bearing curious yellowish brown blossoms, somewhat resembling a pipe. 15 to 20 feet. **Sold out.**



Aquilegia

Armeria

215A Lauchiana (Dwarf Thrift). Very free flowering, dwarf variety, with medium sized flower heads of deep rose. They combine very nicely with forget-me-nots in the rockery or dwarf border. 6 inches. Pkt., 15c.

Aubrietia (Rainbow Rock Cress)

220 Large Flowered Hybrids. Dwarf free flowering plants with masses of blue and rose shade flowers in early spring. 6 to 8 inches. Pkt., 25c.

Bellis Perennis (Double Daisy)

A perennial plant, bearing in early spring small double white or rose-colored flowers. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches.

246 Longfellow. Dark rose. Sold out.

247 Snowball. Pure white. Pkt., 10c.

247A Red Quilled. Pkt., 10c.

248 Monstrosa Double Mixed. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems. Pkt., 10c.

248A Bellis Beata, Red. A new Daisy that grows 8 inches high. Flowers measure from 2 to 3 inches across on long strong stems. Pkt., 10c; 1/16 oz., \$1.00.

248B Bellis Beata. Finest mixed. Pkt., 10c; 1/16 oz., \$1.00.



Centaurea, Montana Blue

292 Grenadin, Finest Mixed. Early, free flowering, medium large, upright growing, long slender stemmed hardy Carnation. Foliage is grassy, of the Dianthus type. Does not bloom until the second year. Pkt., 10c.

COLUMBINE. See Aquilegia.

Centaurea

328 Montana, Blue. (Perennial Cornflower.) Large violet-blue flowers. 2 feet. Pkt., 10c.

Cheiranthus

334 Allioni (Siberian Wallflower). Brilliant orange. 1 foot. Pkt., 10c; 1/4 oz., 25c.

335 Allioni, Golden Bedder. Golden yellow. Pkt., 10c; 1/2 oz., 20c.

Clematis

340 Paniculata. One of the finest hardy perennial climbers. Of robust habit and covered from the ground to the summit with pure white, fragrant flowers. The flowers are followed by pretty seed pods of bronzy red. 12 feet. Pkt., 10c.

Coreopsis

For Annual Varieties, see Calliopsis.

358 Lanceolata Grandiflora. The flowers are a rich golden yellow, often 3 inches in diameter, borne on fine, long stems; desirable for cutting. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

358A Double Sunburst. Large, golden yellow, fully double flowers. Pkt., 10c; 1/2 oz., 35c; 1/4 oz., 60c.



Double Sunburst Coreopsis

Canterbury Bells

(Campanula Medium)

Showy hardy biennials about 3 feet high, covered with large bell-shaped flowers. The Calycanthema (Cup-and-Saucer) class is so named because of the broadening of the calyx into a saucer-shaped secondary flower.

267 Prize Mixture. A superb mixture of all classes, single, double, and cup-and-saucer. Pkt., 10c; 1/8 oz., 25c.

268 Single Mixed Colors. Pkt., 10c; 1/8 oz., 20c.

269 Double Mixed Colors. Pkt., 10c; 1/8 oz., 25c.

270 Calycanthema. Rose-pink. Pkt., 10c; 1/8 oz., 40c.

272 Calycanthema (Cup-and-Saucer). Mixed colors. Pkt., 10c; 1/8 oz., 40c.

273 Calycanthema. Blue. Pkt., 10c; 1/8 oz., 40c.

274 Calycanthema. White. Pkt., 10c; 1/8 oz., 40c.

274B Carpatia (Harebell). Dainty light violet-blue bells opening upward. Pkt., 10c; 1/8 oz., 35c.

Carnation (Hardy)

288 Chabaud's Giant Double Mixed. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring. Pkt., 10c.

290 Dwarf Vienna. Blooms early the second summer from seed. The hardiest sort, said to stand the winter with a slight protection. Flowers large, double, fragrant and of varied colors. Pkt., 10c.



Canterbury Bells

Dahlia

One of our best autumnal flowering plants. Blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early. Protect the roots during winter in a dry cellar in peat moss or sand.

371 Unwin's Dwarf Giant-Flowered. Early flowering semi-double strain of Dahlias, producing gorgeous blossoms of almost every color combination from midsummer until late autumn. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

372 Special Mixture of Giant-Flowered Single Varieties. Comprises seed from noted English and Holland growers. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

373 Double Large-Flowered. Mixed colors. Saved from the finest show varieties. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 75c.

DAHLIA BULBS. See pages 58, 59 and 60.

Daisy

378 Shasta Daisy. Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet. Pkt., 10c; $\frac{1}{16}$ oz., 25c; $\frac{1}{8}$ oz., 40c.

Michaelmas Daisies (Perennial Single Aster). Beautiful and showy, hardy perennials easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

381 Mixed Colors. Pkt., 10c; $\frac{1}{16}$ oz., 35c.

For other flowers known as Daisies, see *Anthemis*, *Brachycome* and *Chrysanthemums*.

Delphiniums

393 Gold Medal Strain. Seeds taken from the Gold Medal strain. Double and single and includes light blue, intense deep blue and many lighter shades. 6 to 8 feet. Pkt., 25c; $\frac{1}{8}$ oz., 60c.

394 Pacifica Giants Mixed. (Vetterle & Reinelt.) Flowers extremely large and well formed, $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, practically 100 per cent double. This strain is comparatively mildew resistant. Pkt., 50c.

395 De Luxe Hybrids Choice Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

396 Wrexham Hollyhock Strain. This strain is a fine mixture of light and dark shades. The flowers are large, truly double, well placed on long spikes. 6 feet. Pkt., 15c; $\frac{1}{8}$ oz., 75c.



Delphinium, Gold Medal Strain



Dianthus, Loveliness



Digitalis

397 Chinensis Alba. Pure white. 2 to 3 feet tall. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

397A Nudicaule. Scarlet. 2 feet. Pkt., 10c.

Clove or Grass Pinks

(*Dianthus Plumarius*)

Improved forms of the old well known Clove Pink. They grow anywhere and bloom very profusely. Very useful for the hardy border.

416 Single (Pheasant's Eye Pink). Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

417 Double and Semi-Double. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

418 Florist's Perpetual Pink (D. semperflorens). Double and semi-double; large flowers; very fragrant and many colors. Blooms nearly all summer and if sown in March will generally bloom the first season. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Dianthus

419A Loveliness. Shaggy appearing finely fringed flowers of delicate rosy lilac highly sweet scented and measure from $1\frac{1}{2}$ to 2 inches across. 12 to 15 inches high. Pkt., 25c.

Dielytra

421 Spectabilis (Bleeding Heart). The flowers are heart shape, varying from light pink to rosy crimson. Leaves are light transparent green. Blossoms in April and May. Pkt., 25c.

Digitalis (Foxglove)

Favorite hardy plants bearing in June and July tall flower spikes. Of easy culture. Hardy biennial or perennial. $2\frac{1}{2}$ to 3 feet.

424 Monstrosa. Mixed colors. Monstrous flowers. Attractive. Pkt., 10c.

430 Gloxiniaeflora, The Shirley. Giant hybrids, spotted throats. Pkt., 10c.

431 Gloxiniaeflora. Finest spotted varieties. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.



Hibiscus, Giant Flowered

Forget-Me-Not

(Myosotis)

Favorite half-hardy perennials, mostly treated as annuals; nearly all blooming the first season from seed sown early in the open ground.

- 454 *Alpestris*, Royal Blue. Rich indigo-blue. Pkt., 10c.
- 455 *Alpestris*, Blue Basket. The deepest blue of all Forget-me-nots. Plants grow upright and splendid for borders or cutting. Sold out.
- 457 *Palustris* (True Forget-me-not). Dark blue; blooms the first season. Pkt., 10c.
- 459 *Palustris Sempervirens*. Blue. Blooms in 8 to 10 weeks from sowing. Pkt., 10c.
- 460 *Dissitiflora*, Perfection. Large flowered, blue. Pkt., 10c.
- 461 *Victoria*. The flowers are large, bright azure-blue, with yellow centers. Best for edging. Sold out.
- 462 *Victoria Rosea*. Rose, dwarf large-flowered. Pkt., 10c.
- 463 *Victoria Indigo-Blue*. Pkt., 10c.
- 464 *Victoria White*. Pkt., 10c.

Gaillardia (Blanket Flower)

Flowers large, with rich shades of scarlet, orange and crimson, the three often combined in one flower. If sown early, will bloom in the first season. 1½ to 2 feet.

- 478 *Grandiflora*, Large Flowered Choice Mixed. A splendid mixture; comprises all the colorings known. Pkt., 10c; ¼ oz., 20c.
- 478A *Burgundy*. Coppery scarlet flowers 2½ inches in diameter. If started early indoors flowers may be produced the first season from seed. Pkt., 10c; ¼ oz., 40c.

Geum

Free flowering, producing a wealth of attractive flowers much prized for cutting. Excellent for borders.

- 486 *Lady Stratheden*. Flowers loosely double; a delightful shade of golden yellow. Pkt., 10c; ¼ oz., 40c.
- 487 *Mrs. Bradshaw*. The double orange-scarlet flowers are very large and full. 2 feet. Pkt., 10c; ¼ oz., 40c.

Gypsophila

(Baby's Breath)

Flowers very small, borne in loose graceful panicles. Used in bouquets with other cut flowers. 2 feet.

- 502 *Pacifica*. Rose, blooms when *Paniculata* varieties have passed. Excellent for cutting. Pkt., 10c; 1/16 oz., 50c.
- 504 *Paniculata Flore Pleno*. A fine, new double of the purest white, the flowers forming miniature balls of white petals. Pkt., 10c; 1/16 oz., 50c.
- 506 *Paniculata*. White. The variety more generally known as Baby's Breath. Hardy perennial. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

Helenium

A very valuable hardy perennial, bearing in profusion in August and September, long-stemmed, single flowers; fine for cutting.

- 510 *Autumnale Superbum*. Deep golden yellow. 4 feet. Sold out.
- 511 *Riverton Beauty*. Lemon-yellow with a purplish black cone. Pkt., 15c.
- 512 *Riverton Gem*. Orange blooms, tinged with maroon. Pkt., 15c.

Heliopsis

- 516 *Lemoine Strain*. Double and semi-double golden yellow flowers; blooms first year. Pkt., 10c; ¼ oz., 35c.

Heuchera

- 525 *Sanguinea*. A fine, hardy perennial, bearing in graceful spikes, rich crimson flowers. Useful for cutting. 1 foot. Pkt., 10c.

Hibiscus (Mallow Marvel)

Vigorous growing plants, producing large, handsome flowers, often 6 inches across. Very desirable for mixed beds or borders.

- 526 *Giant Flowered*. Finest mixed. Hardy perennial. 4 feet. Pkt., 10c; ¼ oz., 25c.

Hollyhock

Flowers about 3 inches across set as rosettes around strong growing stalks. Seeds sown in May or June make fine blooming plants the following season.

- 530 *Chater's Finest Mixed*. Choicest double varieties, a large percentage of the flowers coming double. Pkt., 10c; ¼ oz., 35c; ¼ oz., 50c.
- 531 *Double*. Mixed colors. Pkt., 10c; ¼ oz., 35c.
- 532 *Allegheny*. Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt., 10c; ¼ oz., 25c.
- 534A *Double Imperator*. Large fringed rosette flowers in charming color combination. Pkt., 10c; ¼ oz., 40c.
- Chater's Double*. 535 *Maroon*. 535A *Newport Pink*. 536 *Snow-White*. 536A *Yellow*. Pkt., 10c; ¼ oz., 35c.



Large Flowered Gaillardia



Lathyrus Latifolius (Everlasting Sweet Pea)

Lavender (Lavandula Vera)

575 Vera. A well-known hardy perennial grown chiefly for its lasting fragrance. Pkt. 10c.

Linum

582 Flavum. Yellow. Excellent early flowering rock garden plant. Pkt., 10c.

Lobelia

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam.

588 Cardinal Flower (Cardinalis). Intense scarlet. 3 feet. Pkt., 10c; 1/16 oz., 60c; 1/8 oz., \$1.00.

Lupin

590A Polyphyllus. Blue. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

591 Polyphyllus. Finest Mixed. Hardy plants of easy culture; useful as a background in the perennial border. Mixed blue and white. 2 to 4 feet. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

592 "Russell". Grown from originator's stock seed. A fine collection. Pkt., 15c; 1/4 oz., 60c.

Lychnis

Perennial plants of easy culture, blooming the first season if sown early.

595 Chalcedonica (Burning Star). Bright scarlet flowers shaped like a Maltese Cross. Of fine color and thrifty growth; very effective in the perennial border. 2 feet. Pkt., 10c; 1/8 oz., 20c.



Iberis Sempervirens

Iberis

542 Queen of Italy. Dwarf, bushy habit. Pink flowers. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

543 Sempervirens (Perennial Candytuft). A desirable hardy perennial of easiest culture. Dwarf spreading habit; suitable for rockeries. Flowers pure white. Pkt., 10c; 1/8 oz., 35c.

544 Gibraltaria. Lilac shading off to white; large flowers. Early. Pkt., 10c; 1/8 oz., 30c.

Kudzu Vine (Pueraria)

560 Thunbergiana (Jack-and-the-Beanstalk-Vine). A vine of wonderfully rapid growth, when well established, growing to the great height of 40 to 50 feet. Leaves are of enormous size. Hardy perennial. Pkt., 10c.

Lathyrus Latifolius (Everlasting Sweet Pea)

An easily grown, hardy perennial climber, bearing freely flowers somewhat similar in form to the Sweet Pea. If grown on moist soil, will bloom nearly all summer. Colors: reddish purple, rose and white. 6 to 8 ft.

570 Mixed Colors. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

Mimulus

Bushy plants 1 foot high. Flowers various shades of yellow, spotted and marked crimson.

630 Tigrinus (Monkey Flower). Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt., 10c; 1/8 oz., 50c.

631 Moschatus (Musk Plant). Small yellow flowers, musk-scented foliage, of trailing habit; excellent for hanging baskets. Pkt., 10c; 1/16 oz., 50c.

Nepeta

757A Mussini. A favorite perennial rock plant with blue-gray foliage and blue flowers. 9 inches. Pkt., 10c; 1/8 oz., 35c.

Phlox

The seed we offer has been saved from the best varieties and is supplied in mixture only.

847 Choicest Mixed. Pkt., 10c.

Physalis

(Chinese Lantern Plant)

850 Francheti. Bright orange, scarlet lantern-like fruits which are gathered in the fall and dried. Very attractive for winter bouquets. If seed is sown early will bloom the first year. Pkt., 10c.



Physalis (Chinese Lantern Plant)

ROSS' EXHIBITION PANSIES

*Bloom Abundantly from Early Spring to Severe Frost
A Lovely, Velvety Assortment of Colors that Endures All Climates*

The Pansy produces best results during the cool days of spring, and in a sandy loam, thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal. Keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.

770 Giant Coronation Gold. Canary-yellow, lower petals flushed golden orange; slightly ruffled. Pkt., 25c.

771 Swiss Giant (Roggli's). Giant mixed. The flowers are of immense size, borne on long stems, and the colors are unusual, mostly large blotched. Pkt., 15c.

774 Dwarf Swiss Giant (Roggli's). Plants are more dwarf and compact with the same immense flowers and unusual colors. Pkt., 15c.

776 Maple-Leaf Giant Mixed. Compact habit, with large attractive foliage and very large blooms. Pkt., 25c.

778 Masterpiece (Ruffled Pansies). A strain having ruffled and curled petals, giving the flowers the appearance of being double. Colors rich and striking. Pkt., 10c; ½ oz., 40c.

779 Worcester Giant Mixed. Our own selections of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains of different growers. Pkt., 10c; ½ oz., 60c.

782 Trimardeau Large Flowered Mixed. The range of coloring is excellent, and the mixture will be found very satisfactory. Pkt., 10c; ⅛ oz., 35c; ¼ oz., 60c.

783 English Prize Mixed. Includes many with face-like markings of various shades. Pkt., 10c.

785 Choice Mixed. A mixture of many varieties. Pkt., 10c.

786 Giant Adonis. Splendid light blue, with white center and dark blotches. Pkt., 10c.

788 Giant Cardinal. Brilliant red. Pkt., 10c.

792 Golden Queen. Pure yellow. Pkt., 10c.

794 Indigo Blue. New rich shade. Pkt., 10c.

796 King of the Blacks. Pkt., 10c.

800 Lord Beaconsfield. Violet, shading to white at the top. Sold out.

804 Peacock. Rich blue and purple, edged with white; very striking. Pkt., 10c.

808 Snow White (Candidissima). Sold out.

811 Yellow. With large, black eye. Pkt., 10c.

ROSS' GIANT PANSIES

**Outstanding in Color, Size
and Freedom of Bloom**

They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies—browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower.

Why buy ordinary seed when Ross' Selected Giants costs no more? One ounce of seed will produce as many as 20,000 plants. Try Ross' Selected Giant Seed this year for best results.

PRICE LIST OF ASSORTED COLORS:

780 Pkt., 50c; 1/16 oz., 90c; ⅛ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$10.00; ¼ lb., \$34.00; 1 lb., \$136.00.

These prices include free delivery in U.S.A.



A Ross Giant Pansy. They come in many colors.



Wallflower

Platycodon (Chinese Bellflower)

855 *Grandiflorum*. Blooms from July to September. The flowers are large, steel-blue. 2 to 2½ ft. Pkt., 10c; ⅓ oz., 40c.

Polemonium (Jacob's Ladder)

857 *Coeruleum*. Large heads of showy blue flowers from May to August. 2 feet. Sold out.

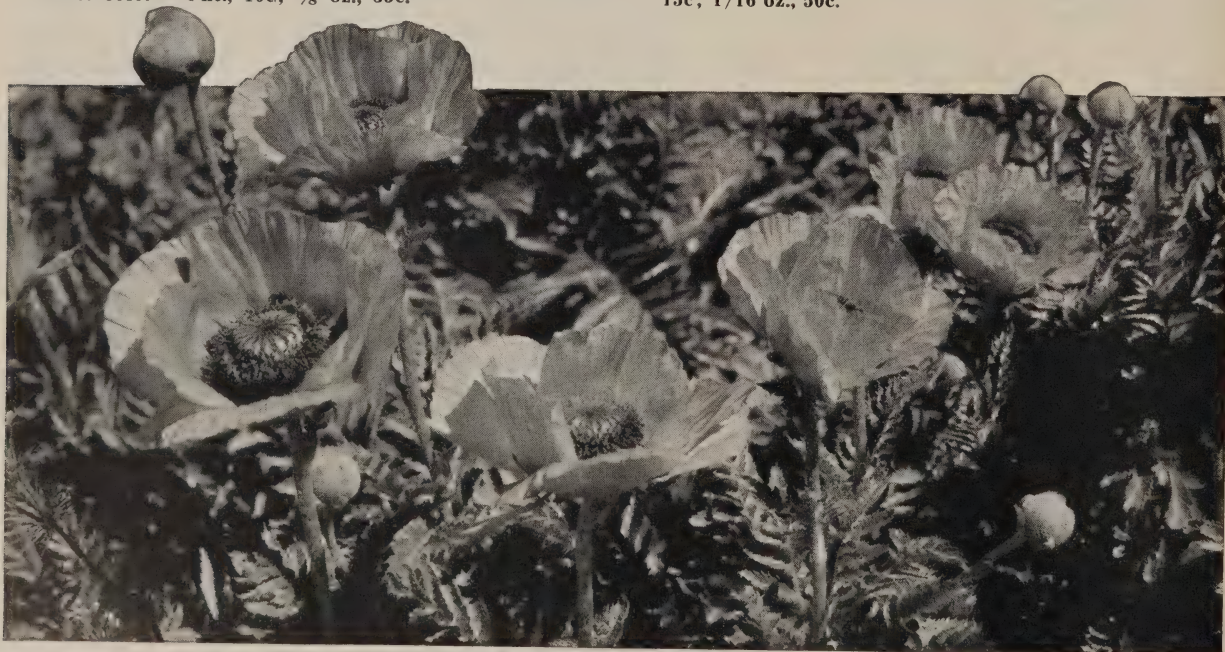
Hardy Perennial Poppies

890 *Iceland Poppies*. White and shades of yellow and orange. Mixed. Pkt., 10c; ⅓ oz., 35c.

Oriental Poppies. Easily grown from seed sown either in late fall or early spring. They bloom the second spring from sowing.

892 *Oriente*. Deep crimson flowers, with blotch of black on each petal. Pkt., 10c; ⅓ oz., 35c.

893 *New Oriental Hybrids*. Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors. Pkt., 10c; ⅓ oz., 35c.



New Hybrid Oriental Poppies

Hardy Primroses

Although known as a hardy perennial, these require in this climate some protection. If protected with leaves covered by a box, they will live through our severest winters.

Veris (*Polyanthus*). Excellent for either pot or outdoor culture. Colors mostly shades of yellow, and red and yellow.

903 *Choicest Mixed*. Pkt., 10c.

904 *Vulgaris*. True, yellow English Primrose; canary-yellow; fragrant. Pkt., 10c.

Pyrethrum

Hardy perennials of easy culture.

910 *Aureum* (*Golden Feather*). Golden foliage; small, white flowers. 1 foot. Pkt., 10c; ¼ oz., 35c.

913 *Roseum Hybridum*. Blooms freely from June to September, bearing large flowering, daisy-like flowers, ranging from light pink to deep red, with bright yellow center; excellent for cutting. Pkt., 10c.

Rocket, Sweet

(*Hesperis Matronalis*)

Hardy perennial plant of easy culture, bearing clusters of purple or white fragrant flowers. 1½ feet.

921 *Mixed*. Pkt., 10c; ¼ oz., 25c.

Rudbeckia (Coneflower)

Will grow in nearly all soils and situations, thriving in partial shade or fully exposed to the sun.

925 *Kelvedon Star*. Deep orange with dark brown disc. Pkt., 10c.

926 *Purpurea* (*Echinacea*; *Giant Purple Coneflower*). Large flowers, about 4 inches in diameter; reddish purple, with large cone of brown. Hardy perennial. 3 feet. Pkt., 10c; ⅓ oz., 35c.

Scabiosa

946 *Columbaria*. Lavender. Large lavender-blue flowers; plant dwarf with a fine, light green foliage. Pkt., 15c; ⅓ oz., 60c.

946A *Columbaria Pink*. Delicate pink. Pkt., 15c; ⅓ oz., 60c.

947 *New Blue Scabiosa*. **Hardy Perennial Scabiosa** (*Caucasica*) (*Blue Bonnet*). A hardy perennial, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue. 3 feet. Pkt., 10c; 1/16 oz., 30c.

947A *New Giant Caucasica Hybrids* (*Isaac House Strain*). Each petal is beautifully ruffled and frilled. The predominating colors are delicate lilac and mauve but embracing shades from white to the darkest blue. Pkt., 15c; 1/16 oz., 50c.

Sedum

949A Acre. H.P. Thrives well in poor soil. Fine for rockeries and for covering bare spots. Yellow blossoms. 3 inches. Pkt., 20c.

Stokesia Cyanea (Cornflower Aster)

973 Blue. Blooms from August to frost. 2 feet high. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

974 Mixed. Containing many new colors. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Sweet William - Dianthus Barbatu

A hardy biennial with large trusses of sweet-scented flowers produced in abundance, suitable for rock gardens. 1300 Single Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1302 Holborn Glory. A new strain of the auricula-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1308 Double Largest Flowered. Choicest mixed. A greatly improved strain. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1309 Scarlet Beauty. A very effective rich, deep scarlet variety. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1306 Newport Pink. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Tritoma

1317 Tritoma (Red Hot Poker Plant or Flame Flower). H.P. Large spikes of orange-red flowers. Height, 4 feet; effective in single clumps or among shrubbery. Pkt., 10c.

Trollius

1317A Ledebouri Golden Queen. Deep orange, late bloomer. Pkt., 25c.

Tunica

1318 Saxifraga. Dwarf, hardy perennial. Pink blossoms; an excellent rock plant. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Wallflower

Fine bedding plant, but more often grown as a pot plant. Shades of yellow, brown and reddish brown.

1340 Single. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1341 Double Branching. Mixed colors. Pkt., 10c.

1342 Paris Extra Early. A new single flowered strain, blooming throughout the season, from spring-sown seed. Colors light brown, brownish red, yellow, and creamy white. Mixed. Pkt., 10c.



Stokesia (Cornflower Aster)

Veronica

1330. Pretty blue flowers on long spikes. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Viola Cornuta - Tufted Pansies

Flowers not so large as the Pansy. Blooms profusely; is quickly and easily grown. Seed sown in April will produce blooming plants in June and, if planted in cool, moist soil, partly shaded, nearly all summer. Hardy perennial.

1335 Mixed Tufted Pansies. Finest mixture of all colors. Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c.



Pyrethrum



Iceland Poppies

GLADIOLUS

The Most Inexpensive Summer Flowers for the Garden, Yet the Most Popular Cut Flowers for Indoors

of Quality and Distinction



Picardy

Golden Chimes

Ave Maria. Medium blue with deeper throat. Tall straight spikes, early bloomer. Each, 8c; doz., 70c; 100, \$5.00.

Beacon. Bright scarlet with cream throat. A very popular and attractive variety. Each, 8c; doz., 70c; 100, \$5.00.

Bit O' Heaven. Orange with yellow throat. Tall spike with many open. Each, 8c; doz., 70c; 100, \$5.00.

Brightside. A very early light yellow shading to orange at edges. Always tall and straight. Popular and very pretty. Each, 5c; doz., 40c; 100, \$3.00.

Eloise. New attractive lavender opening 6 to 8 blooms at a time. A tall strong grower. Each, 5c; doz., 40c; 100, \$3.00.

Firefly. A large flaming red with white lines in throat. One of the best early reds. Each, 8c; doz., 70c; 100, \$5.00.

Gardenia. Creamy white. Good clean self color. One of the best in this color. Each, 8c; doz., 70c; 100, \$5.00.

Golden Chimes. Large ruffled light yellow. Tall strong grower. One of the best yellows. Each, 8c; doz., 70c; 100, \$5.00.

Hector. Salmon-scarlet with cream throat. Early mid-season. Five to six flowers open at a time. Each, 8c; doz., 70c; 100, \$5.00.

King Arthur. An excellent large ruffled lavender. A variety that is always in demand. Each, 8c; doz., 70c; 100, \$5.00.

Lavender Queen. Deep violet-lavender sometimes flecked deeper. Tall straight spike with 6 to 8 flowers open. One of the best lavenders. Each, 8c; doz., 70c; 100, \$5.00.

Lotus. Large cream-tinged pink. Slightly ruffled. A beautiful flower. Each, 8c; doz., 70c; 100, \$5.00.

Maid of Orleans. Tall straight white with cream throat. This variety always in demand. Each, 8c; doz., 70c; 100, \$5.00.

Margaret Fulton. Beautiful rich salmon-rose. Good cut flower with many flowers open and is early. Each, 5c; doz., 40c; 100, \$3.00.

Minuet. The finest lavender. Tall grower with many open blooms. Each, 8c; doz., 70c; 100, \$5.00.

Montenegro. Very dark red, almost black. If you like dark varieties try this one. Each, 5c; doz., 40c; 100, \$3.00.

Orange Princess. Orange-salmon with small crimson marking. Large flowers on tall spike opening six to eight at one time. Each, 8c; doz., 70c; 100, \$5.00.

Paradise. Large early apricot. Tall strong spike. Each, 5c; doz., 40c; 100, \$3.00.

Peggy Lou. Tall spikes with large rose-pink flowers. One of the better and newer varieties. Each, 8c; doz., 70c; 100, \$5.00.

Pelegrina. Rich dark violet-blue. One of the best in the deep blue color class. Always attracts attention. Each, 5c; doz., 40c; 100, \$3.00.

Pfitzer's Masterpiece. A most popular and beautiful light clear pink with a touch of cream in throat. An outstanding new variety. Each, 8c; doz., 70c; 100, \$5.00.

Phyllis McQuiston. Beautiful rose-pink shading lighter in throat. A very fine variety. Each, 8c; doz., 70c; 100, \$5.00.

Picardy. Salmon-pink. Large blooms on a tall straight spike. The most popular variety grown. Each, 5c; doz., 40c; 100, \$3.00.

Red Phipps. Bright red. Six to seven large well-placed flowers open on tall straight spike. Each, 8c; doz., 70c; 100, \$5.00.

Rosa Van Lima. Pure clear pink. Beautiful large flowers on tall spike. An outstanding new variety. Each, 8c; doz., 70c; 100, \$5.00.

Shirley Temple. Large ruffled cream flowers. Very attractive and always draws attention. A variety that is always in demand. Each, 8c; doz., 70c; 100, \$5.00.

Vagabond Prince. Mahogany-brown with scarlet blotch. A distinct and unusual variety. Each, 8c; doz., 70c; 100, \$5.00.

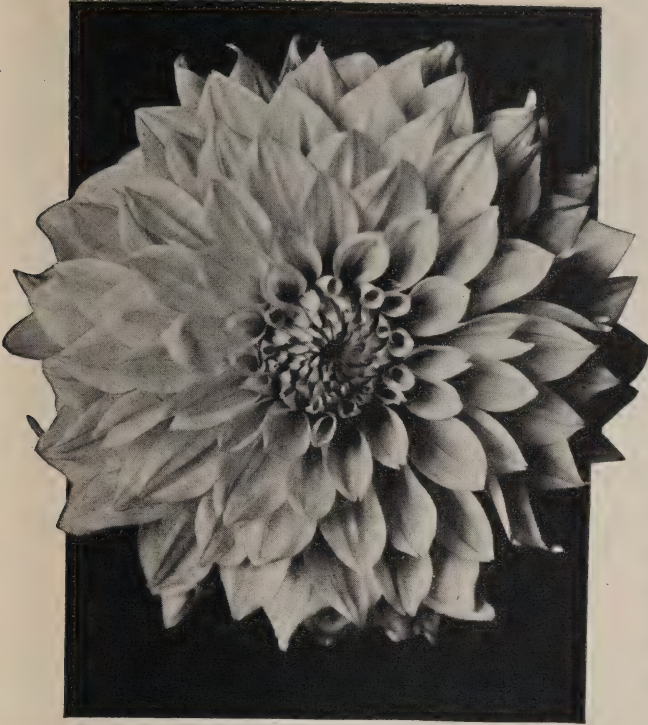
Vredenburg. An outstanding early white. Opens six to eight very large well-placed flowers on tall strong spike. Each, 8c; doz., 70c; 100, \$5.00.

Yellow Emperor. Tall deep yellow. An extra good variety in this color. Each, 8c; doz., 70c; 100, \$5.00.

Mixture. A mixture of popular named varieties, selected from all classes, unsurpassed in diversity of colors, types and quality of blooms. Doz., 35c; 100, \$2.50.

DAHLIAS

The Most Beautiful of All Large Summer Garden Flowers;
Giant Size Flowers are Unequaled for Bouquets



The New Ann Rutledge Dahlia

Five New Large Flowering Dahlias for 1943

- Bernice Geer. H. C. Lively rose-pink, fine flower. \$1.00 each.
Marshall's Matchless. Large shaggy Cattleya color. \$1.00 each.
Premier Winsome. Deep mellow pink, large. \$1.00 each.
Red Bird. Bright fiery scarlet, free. \$1.00 each.
Yankee Gold. One of the largest golden yellow Dahlias grown, free, stiff stems. \$1.00 each.

- Alyce Marie Galvin. White with faint tone of cameo-pink, a good sized flower. 25c each; \$2.50 per doz.
Alma Alexander. Large deep orange-red. 25c each; \$2.50 per doz.
Alta Nevada. Very beautiful deep rose, with glowing tangerine color. 25c each; \$2.50 per doz.
Avalon. Clear pure yellow, fine form, free. 25c each; \$2.50 per doz.
Buckeye King. A very large clear amber-yellow, flowers on top of stem, free. 25c each; \$2.50 per doz.
Chief Justice. Soft chamois with rose suffusions. 50c each.
Charlotte Alexander. White, vein of purple at tips. 25c each; \$2.50 per doz.
Chemar's Eureka. Pure white, veined purple. 25c each; \$2.50 per doz.
Coquette. One of the best and most beautiful red and gold combinations, large flowers. 25c each; \$2.50 per doz.
Eleanor Grant. Almost white. 25c each; \$2.50 per doz.
Fordhook Victory. Deep pink, very fine, free. 25c each; \$2.50 per doz.
Grace Curling. Soft true lavender, finest of its color. 50c each; \$5.00 per doz.
Girl of Hillcrest. Apricot-buff, very large, free. 50c each; \$5.00 per doz.
Helen Ivans. A beautiful orchid-pink of immense size. 50c each; \$5.00 per doz.

Recent introductions of some of the very best large-flowering Dahlias ever grown. Try them and have a REAL Dahlia garden.

- Ida Perkins. Large pure white, one of the best grown. 50c each; \$5.00 per doz.
Ida Tarbell. Deep crimson, large and fine. 25c each; \$2.50 per doz.
Jean Cowl. Large bronze-buff and old gold, long stems. 25c each; \$2.50 per doz.
J. K. Alexander, Jr. The largest crimson-red, flecked yellow Dahlia grown, very free, strong stems. 50c each; \$5.00 per doz.
Jersey's Beacon. A Chinese red, large, free. 25c each; \$2.50 per doz.
Jersey's Beauty. True pink. This is the best cut flower grown. 25c each; \$2.50 per doz.
Jean Ross. Deep crimson, fine form, free. 50c each; \$5.00 per doz.
King of the Blacks. The nearest to black of any grown. 50c each; \$5.00 per doz.
Lena Thompson. Red with white tips, sometimes spotted white, free. 50c each; \$5.00 per doz.
Margaret K. Alexander. Large buff and burnt-orange. 25c each; \$2.50 per doz.
Margaret Woodrow Wilson. Large white suffused lavender, free. 25c each; \$2.50 per doz.
Monmouth Champion. Large orange flower. 50c each; \$5.00 per doz.
Monmouth Pennant. Each petal white and orange-red. 50c each; \$5.00 per doz.
Mrs. I. de Ver Warner. Deep mauve-pink, very large, free. 25c each; \$2.50 per doz.
Mrs. Edna B. Champlain. Large deep rhodamine-pink, free. 50c each; \$5.00 per doz.
Mrs. J. K. Alexander. One of the finest giant buttercup-yellow varieties ever grown, on fine long stems, very free. \$1.00 each. (12 to 16 inches in diameter.)
Mrs. George Le Boutellier. Large deep crimson, very free, on long stems. 50c each; \$5.00 per doz.
Mrs. George Skeen. Shrimp-pink, free, good size flowers. 25c each; \$2.50 per doz.
Mrs. R. T. Edwards. A large deep pink with reverse plum color. 25c each; \$2.50 per doz.
Mrs. A. B. Seal. Soft old rose, large. 25c each; \$2.50 per doz.
Manaquaket. Amaranth-pink, flecked white, large, free. 25c each; \$2.50 per doz.
Omar Khayyam. A large Chinese red, shading to orange. 25c each; \$2.50 per doz.
Pride of California. Crimson-red, free. 25c each; \$2.50 per doz.
Pride of Stratford. Cadmium-orange, full to center. 25c each; \$2.50 per doz.
Polar Snow. Large pure white, full to center, free. 25c each; \$2.50 per doz.
Roman Eagle. Deep burnt-orange, large, free. 25c each; \$2.50 per doz.
Rose Glory. True rose-pink, long stem, free. 25c each; \$2.50 per doz.
Rocky Ledge. One of the best yellows grown. 25c each; \$2.50 per doz.
Ruby Taylor. Rich velvety carmine-red, large, free. 50c each; \$5.00 per doz.
Salem Pride. Rhodamine-purple, flecked white, large, fine. 50c each; \$5.00 per doz.
Thomas A. Edison. A large royal purple or petunia-violet. 50c each; \$5.00 per doz.
W. H. T. One of the very best, real old rose, good stems, very free. 25c each; \$2.50 per doz.
White Wonder. Beautiful clear white, large. 25c each; \$2.50 per doz.
Yankee King. A large deep strawberry-pink, free, good long stems. 25c each; \$2.50 per doz.

Mixed Dahlias

Our special assortment of free-flowering Dahlias — Postpaid, \$1.00 per doz.; by Express, 90c per doz, \$6.00 per 100.

Dahlias - Lilies - Tuberose - Begonias



Pompon Dahlias



Lilium Regale



Lilium Auratum

Cactus Dahlias or Chrysanthemum Type

- Bride's Bouquet.** Clear white. 35c each.
Bobb Pluce. Dark crimson, tipped white. 35c each.
Chemar's Masterpiece. A large orchid-pink. 50c each.
Dorothy Stone. Large fine pink, one of the best. 50c each; \$5.00 per doz.
Elkridge. Glistening, white, large, fine. 50c each; \$5.00 per doz.
Earl of Pembroke. Deep purple, good grower, large. 25c each; \$2.50 per doz.
Libelle. Deep royal purple, free, good stems. 25c each; \$2.50 per doz.
Mrs. Ethel F. T. Smith. A large white, shading to lemon. 25c each; \$2.50 per doz.
Mt. Shasta. Cream white, shading to pink. 25c each; \$2.50 per doz.
Nature's Jewel. Large pink, white center, fine. 50c each; \$5.00 per doz.
Sulphurea. Soft lemon, large, free. 25c each.
Tustu. Deep maroon, fine form. 25c each; \$2.50 per doz.

Pompon and Miniature Dahlias

Called Bouquet Dahlias—nothing better for bouquets.

- Amber Queen.** Clear amber, shaded apricot. 15c each; \$1.50 per doz.
Darkest of All. Deep maroon, free, almost black. 25c each; \$2.50 per doz.
Golden Queen. Clear pure yellow, free. 15c each; \$1.50 per doz.
Jessica. Yellow tipped red, small, free. 25c each; \$2.50 per doz.
Joe Fette. The best pure white grown. 25c each; \$2.50 per doz.
Johnnie Peppin. Deep crimson-red, small, fine. 25c each; \$2.50 per doz.
Pride. Deep crimson-scarlet. 25c each; \$2.50 per doz.
Sunny Daybreak. Apricot, edge red. 25c each; \$2.50 per doz.
Little David. Deep orange, fine, free. 25c each; \$2.50 per doz.

Begonias, Tuberous-Rooted

Desirable for shady places. Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

- Single Varieties.** Dark red, yellow, white, salmon, pink, and mixed colors. 15c each; doz., \$1.60.
Double Varieties. Dark red, yellow, white, salmon, pink, and mixed colors. 15c each; doz., \$1.60.

Cinnamon Vine

Grows 15 to 30 feet. The leaves are green, with a tinge of bronze. The flowers are white, borne in clusters. The vine dies at the end of the season, but the root is hardy. Postpaid, extra large roots, 12c each; 3 for 35c; doz., \$1.20.

Madeira Vine

A rapid-growing climber with beautiful, thick, glossy waxlike leaves and bearing profusely in graceful, feathery racemes white flowers which have a fragrance resembling Mignonette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter. Postpaid, 12c each; doz., \$1.20.

Hardy Garden Lilies

Postpaid

- Auratum** (Golden Banded Lily). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August. Cannot supply.
Speciosum Album. The best late flowering pure white; hardy garden Lily, of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms. Cannot supply.
Speciosum Rubrum, or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites. Height, 3 feet. Flowers in August and September. Cannot supply.

Regal Lily (Lilium Myriophyllum)

Postpaid

It is a pure, waxy white, with a lemon-yellow throat and a trumpet about 6 inches long, and when the flower is fully developed it is about 7 inches across; 2 to 2½ inches in diameter. 40c each; doz., \$4.00.



Dwarf Tuberose

An Improved Strain.

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude.

Excelsior Dwarf

Pearl. Improved strain; plant of dwarf habit; blooms earlier and flowers are more double than old strain. Extra large bulbs, postpaid, 10c each; 3 for 25c; doz., 90c.

Decorative Trees and Flowering Shrubs

Delivered in Good Planting Condition — Direct From Nurseries



Forsythia—Golden Bell

Hardy Flowering Shrubs They Bloom From June Till Frost

Adapted to every home purpose for variety of color, berries and foliage contrast.

Prices: Each 50c; 3 for \$1.40; 6 for \$2.60; 12 for \$5.00.

Parcel Post Charge: Add 8c for one plant, 2c for each additional plant.



Double Syringa, Virginal

ALMOND, Double Pink. One of the most charming early flowering shrubs, producing very double, rose-colored flowers in great profusion in early spring. Maximum height, 6 feet.

ALTHEA, Pink, Purple, or White. One of the latest of flowering shrubs. Blooms are large and very attractive.

BUDDLEIA, Ile de France. A splendid new form. Easily the finest of all Buddleias because of its massive spikes of purple flowers, each illuminated by a brilliant golden eye. Vigorous, free flowering, hardy type.

DEUTZIA, Pride of Rochester. Pinkish white blossoms. Grows from 6 to 8 feet high. A very popular shrub.

FORSYTHIA (Golden Bell). A profusion of brilliant yellow, bell-shaped flowers before the leaves appear. One of the earliest bloomers. A harbinger of spring. No planting complete without Forsythia.

HONEYSUCKLE. Pink or White. Medium early bloomer, followed by a profusion of berries that attract robins and other berry-eating birds.

HYDRANGEA P. G. Large, pinkish white panicles which literally cover the bush. Blooms late. Very attractive.

HYDRANGEA A. G. (Hills of Snow). Ball-shaped, snow-white flowers.

JAPAN QUINCE. Showy scarlet flowers which often obscure the foliage and branches. Very attractive.

KOLKWITZIA amabilis (Beauty Bush). One of the finest of the newer shrubs, producing long sprays of graceful foliage. Flowers are delicate pink, similar in shape to those of the weigela, but much smaller. Although a rapid grower, it does not bloom profusely until it becomes thoroughly established.

LILACS, Purple or White. An old-fashioned shrub which requires no introduction.

SNOWBALL. A shrub readily recognized by both old and young. The name describes it.

SNOWBERRY, Red (Coralberry). Desired for its berries which traverse the stems in unique style. Attracts birds and feeds them abundantly.

SNOWBERRY, White. Large, white berries that remain far into the winter. Like its companion, Red Snowberry, is especially adapted to shady places.

SPIRAEA Froebeli. Red flowers. Medium grower and works in advantageously with other shrubs.

SPIRAEA trichocarpa (Korean Spiraea). An imported variety. Quite unusual. Beautiful white flowers.

SPIRAEA Thunbergi. Dwarf, bushy habit, about 3 feet in height. White flowers in April and May.

SPIRAEA Van Houttei. The most popular of all shrubs. A mass of white blooms in May or early June. The King of all Spiraeas.

SYRINGA (Mock Orange). A tall growing, free flowering shrub of stately beauty and delicate fragrance. Large, white, starlike blooms with yellow center.

SYRINGA, Virginal. Similar to Mock Orange but with large blossoms. Does not grow quite so tall.

VIBURNUM opulus (High Bush Cranberry). Will grow about 12 feet high, white blossoms May and June followed by red berries.

WEIGELA rosea (Pink Weigela). This is an old favorite. Medium to tall growing shrub, covered in June with a profusion of rose-colored flowers. Very showy for the shrub border.

Friendly Shade and Ornamental Trees

Straight Trunks - Beautifully Branched - Well Rooted

Prices at the nursery in Westfield, Mass., and no charge will be made for packing unless necessary. Heavy shipments may require boxing or crating. When boxes are charged, they may be returned for credit.

AMERICAN ELM. 8 to 10 ft., \$1.75 each; 10 to 12 ft., \$2.50 each.

CANOE BIRCH. 6 to 8 ft., \$2.50 each.

CHINESE ELM. 5 to 6 ft., \$1.25 each; 6 to 8 ft., \$1.50 each.

CUT-LEAF or WEEPING BIRCH. 6 to 8 ft., \$2.75 each.

EUROPEAN LINDEN. 6 to 8 ft., \$2.50 each; 8 to 10 ft., \$3.50 each.

EUROPEAN WHITE BIRCH. 5 to 6 ft., \$1.25 each.

FLOWERING CRAB APPLE. 4 to 5 ft., \$1.35 each.

HORSE-CHESTNUT. Red. 4 to 5 ft., \$4.00 each.

MOUNTAIN ASH. 6 to 8 ft., \$1.50 each.

NORWAY MAPLE. 8 to 10 ft., \$3.00 each; 10 to 12 ft., \$4.00 each.

PIN OAK. 6 to 8 ft., \$2.25 each; 8 to 10 ft., \$3.00 each.

PINK-FLOWERING DOGWOOD. 3 to 4 ft., \$2.50 each; 4 to 5 ft., \$5.00 each.

RED OAK. 6 to 8 ft., \$3.00 each; 8 to 10 ft., \$4.00 each.

SILVER MAPLE. 8 to 10 ft., \$1.50 each; 10 to 12 ft., \$1.75 each.

SUGAR MAPLE. 8 to 10 ft., \$3.00 each; 10 to 12 ft., \$3.50 each.

UMBRELLA CATALPA. 5 to 6 ft., \$2.00 each.

WEEPING WILLOW. 6 to 8 ft., \$1.50 each; 8 to 10 ft., \$2.00 each.

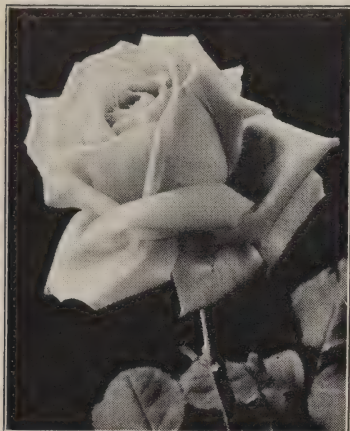
WHITE FLOWERING DOGWOOD. 3 to 4 ft., \$2.00 each; 4 to 5 ft., \$3.00 each.

EVERBLOOMING Hybrid Tea ROSES

All Rose Bushes are Fresh Dug — Shipped to You
Direct from the Nurseries

Parcel Post Charge

Add eight cents for one plant,
two cents for each additional
plant.



The Large McGredy's Scarlet

Extra Hardy June Blooming PERPETUAL ROSES

J. B. Clark. Red.
Frau Karl Druschki (Snow Queen).
Magnificent snow-white.
General Jack. Dark red. Very fragrant. Strong grower.
Mrs. John Laing. A constant bloomer. Shell-pink.
Magna Charta. Bright pink. Very large.
Paul Neyron. Deep pink. Predominated in grandmother's garden.
Prince Camille De Rohan. Deep maroon-red.
Ulrich Brunner. Bright cherry-red; fragrant.

Best Selections

Strong Two-Year Field-Grown Bushes

Red

Ami Quinard. Extremely dark, velvety crimson-maroon, vigorous grower.
E. G. Hill. Dazzling scarlet shading to deeper red.
Etoile de Hollande. Dark red. Strong stems.
Etoile de France. Bright crimson. Open blooms.
Gruss an Teplitz. Bright red. Continuous bloomer.
Margaret McGredy. Brilliant red and bright gold.
Radiance, Red. The most popular red Rose grown.
McGredy's Scarlet. A beautiful formed, double, high centered variety of brilliant red, on long stems.

Pink

Betty Uprichard. Semi-double, salmon-pink flowers stained with copper, pink on the outside.
Dame Edith Helen. Enormous, very double pure pink blooms, continually produced.
Edith Nellie Perkins. Light cerise and salmon.
Editor McFarland. Deep pink.
Killarney Pink. Flesh shaded white, suffused pale pink.
Miss Rowena Thom. Large old rose.
Mme. Butterfly. Similar to Ophelia but larger flower.
Mrs. Chas. Bell. Shell-pink. New and delightful.
Radiance, Pink. King of the pink Roses.

Yellow

Joanna Hill. Light yellow, with bronze shadings in center.
Mrs. Aaron Ward. Indian-yellow, shading to lemon.
Mrs. E. P. Thom. One of the best yellows.
Mrs. Pierre S. du Pont. Reddish gold buds turn to lasting and fragrant blooms of deep golden yellow.
President Herbert Hoover. Cerise, scarlet and yellow. Needs no introduction.
Souvenir de Claudius Pernet. The best and one of the few really yellow, with a pointed bud and glossy foliage.
Talisman. Beautiful orange-scarlet buds touched with yellow, red and gold. One of the very choice varieties.

White

White Killarney. A pure white Rose.

POTTED ROSES — PRE-PLANTED

After May 10th plant potted Roses. These are already growing and there is no loss from replanting. Packed and shipped in lots of six or more direct from the nursery.

Price at nursery, transportation extra—Doz., \$9.50; 6 plants, \$4.75.

Prices All Roses: Each, 60c; 3 for \$1.75; 6 for \$3.25; 12 for \$6.50.

Best Climbing Pillar and Rambler Roses

American Pillar. Pink. (R).
Climbing American Beauty. Red. (C).
Dorothy Perkins. Pink. (R).
Dr. W. Van Fleet. Pink. (C).
Excelsa. Red. (R).
Gardenia. Yellow. (R).
Mary Wallace. Semi-double, rose-pink, with salmon base.
Paul's Scarlet Climber. Vivid scarlet, semi-double flowers of medium size, produced in large clusters.
Silver Moon. White. (C).
White Dorothy. (White). (R).



To Cover a Fence

Climbing Roses

Artistically take care of those barren and hard to beautify narrow spaces.

Garden Peonies

THE RIVAL of the ROSE

Extra heavy 2-yr. 3-5 eyes

Easy to grow. Especially adapted to borders, beds, and specimen plantings.
Price: 50c each; 3 for \$1.40; 12 for \$5.00.

Adolphe Rousseau. Dark red.

Baroness Schroeder. Flesh.

Edulis Superba. Rose-pink; fragrant. Early.

Felix Crousse. Bright red.

Festiva Maxima. Very large; pure white center, petals tipped with bright crimson. Midseason.

Karl Rosenfield. Large brilliant red, early midseason.

Mons. Jules Elie. Dark pink.



Felix Crousse



The black lines show where to prune a rose bush each season.

PEAT MOSS BREAKS HEAVY SOIL AND HOLDS MOISTURE

Use peat moss freely, it holds moisture, lightens the soil and assists the growth of most plants. Price standard bale (about 20 bushels), \$4.25.

HARDY PERENNIAL PLANTS



Korean Hybrid, Apollo



Long-Spurred Columbine

Both the old and new garden should contain these perennials.

Each, 30c; 3 for 75c; 6 for \$1.50; 12 for \$3.00

DELIVERY. Add for parcel post, six cents for one plant and two cents for each additional plant.

ACHILLEA. Double white flowers. (R).
ACONITUM (Monkshood). Dark blue flowers from July to September. 3 feet.
ALYSSUM. Compact masses of showy yellow flowers. Dwarf. (R).
ANEMONE JAPONICA (Japanese Windflower). Needs winter protection.
Alba. In August produces lovely pure white blooms with a yellow center. 2 to 3 feet.
Prince Henry. One of the first anemones to bloom. Dwarf plant, double, rosy pink flowers.

Queen Charlotte. Abundant semi-double flowers of a beautiful pink shade. Very popular variety. 2 to 3 feet.
September Charm. In full bloom the middle of September. Delicate silvery pink flowers about 2 feet tall.
Whirlwind. Vigorous growing, with large, double, white flowers in September and October.
ANCHUSA. Clusters of large gentian-blue flowers. Excellent for cutting.
AQUILEGIA (Columbine). Mixed colors ranging from white to red and blue.
ASTERS, DWARF. Clear pink, lavender, blue, white.
BEE BALM. Aromatic foliage, bright scarlet flowers.
CAMPANULA (Canterbury Bells). Various colors.
CENTAUREA Montana. Large blue flowers.
CERASTIUM Tomentosum (Snow-in-Summer). 5 to 6 in. Low growing plants. Silvery foliage, white flowers. (R).
NEW KOREAN CHRYSANTHEMUMS. A new distinct type of chrysanthemums that blooms earlier, adds new color and new hardiness. Can be used where winter killing has been a serious objection.

SEPTEMBER FLOWERING

| | |
|--|-------------------------------|
| Clio. Dwarf; carmine-rose. | Nyssa. Rosy lilac. |
| Fortuna. Oxblood-red. | Psyche. Shell-pink. |
| Hestia. Semi-double; rose-pink. | Sappho. Dwarf; yellow. |
| Niobe. White, yellow disc. | Thalia. Bright bronze. |
| | Vesta. Golden orange. |

OCTOBER FLOWERING

| | |
|---------------------------------------|------------------------|
| Apollo. Bronze, red, and gold. | Daphne. Pink. |
| Ceres. Coppery yellow. | Mars. Deep red. |

COREOPSIS (Tickseed). Bright yellow. Very hardy. A profuse bloomer.
DELPHINIUM (Belladonna). Sky-blue shades.
DIANTHUS (Garden Pinks). Choice mixed colors. (R).
DIGITALIS (Foxglove). Various colors. Mammoth spikes.
GAILLARDIA (Blanket Flower). Yellow with brownish red center.
GYPSOPHILA (Baby's Breath). Small pure white flowers.
HELIANTHUS (Hardy Sunflower). Yellow. Tall growing.
HIBISCUS (Mallow Marvels). Pink and red and white.
HOLLYHOCK. Crimson, yellow, rose-pink, and white. Double or single.
IBERIS (Candytuft). Dense heads of white flowers.

Hedge Plants

BARBERRY, THUNBERGI

2-year heavy, well branched. 18-24 inch.

| | |
|------------------|---------|
| 12 plants | \$ 2.88 |
| 25 plants | 4.50 |
| 50 plants | 9.00 |
| 100 plants | 18.00 |

CALIFORNIA PRIVET

2 to 3 feet

| | |
|------------------|---------|
| 12 plants | \$ 1.80 |
| 25 plants | 2.82 |
| 50 plants | 5.63 |
| 100 plants | 11.25 |

IBOLIUM PRIVET—HARDY

2 to 3 feet

| | |
|------------------|---------|
| 12 plants | \$ 1.80 |
| 25 plants | 2.82 |
| 50 plants | 5.63 |
| 100 plants | 11.25 |

IRIS, German. Various shades. (R).
IRIS, Japan. Large flowers. Mixed colors. (R).
LYCHNIS (Ragged Robbin). Scarlet Maltese Cross. Very desirable.
PAPAVR *Oriente* (Oriental Poppy). 3 feet. Brilliant scarlet with black center; very showy. June.
PHLOX *Paniculata*. Will grow and flower in nearly any soil and can be depended upon for color in the garden when there is little else.
B. Comte. French purple.
Beacon. Cherry-red.
Chieftain. French purple.
E. I. Farrington. Salmon-pink.
Ethel Pritchard. Lavender.
Europa. White, crimson eye.
Firebrand. Crimson-scarlet.
Jules Sandeau. Dwarf pink.
La Vague. Mauve, carmine eye.
Leo Schlageter. Brilliant scarlet.
Lillian. Soft pink.
Mia Ruys. Dwarf; white.
Miss Lingard. Early. White.
Morgenrood. Bright rose.
Mrs. Jenkins. White.
Nicholas Flammel. Deep red.
Rheinlander. Salmon-pink.
Ruth May. Flesh-pink.
Special French. Clear pink.
Thor. Salmon-pink.
W. Kesselring. Purple, white eye.
Wanadis. Bluish purple.

NEW IMPROVED VARIETIES

Caroline Vandenberg. Violet-blue.
Daily Sketch. Salmon-pink.
Lillian. Pink.
PLATYCODON (Balloon Flower). Blue and white. (R).
PYRETHRUM (Painted Daisy). Mixed colors. Blooms early.
RUDBECKIA, Newmanni. Dark orange-yellow. Resembles Black Eyed Susan.
SWEET WILLIAM. Mixed colors. (R).
TRITOMA (Red Hot Poker). Long spikes of orange-scarlet.
VERONICA (Speedwell). Violet-blue flowers borne in masses.
VIOLA (Perennial pansy). Bloom all summer. Yellow, blue, purple, and white.
YUCCA (Adam's Needle). Tall spikes of cream-colored flowers.

Climbing Vines

Very useful for porch shade and wall or fence covering.
AMPELOPSIS VEITCHI (Boston Ivy). Will cling to brick or concrete walls or chimneys. Price, 50c each; \$4.00 per 10.
ARISTOLOCHIA Sipho (Dutchman's Pipe). A very rapid-growing vine with very large, light green leaves which retain their color from early spring to late fall. Peculiar brownish flowers which resemble a miniature pipe. Price, \$1.00 each.
CLEMATIS paniculata. Glossy, dark green foliage, and covered in the latter part of the summer, with starlike white flowers, fragrant. Price, 60c each; \$5.25 per 10.
HALL'S JAPAN HONEYSUCKLE. White blossoms turning to a bright yellow. Trumpet shape. A fast grower with dense foliage. Price, 35c each; \$3.00 per 10.
SILVER LACE VINE. Of strong vigorous growth, attaining a height of 25 feet or more, producing through summer and fall foamy sprays of white flowers that turn rose-colored as they begin to fade. Price, 65c each; \$6.00 per 10.
CHINESE PURPLE WISTERIA. A strong, rapid-growing vine with light green foliage. (This is the Wisteria so well known among American home owners.) Price, 60c each; \$5.50 per 10.

FRUIT for Farm and Suburban Homes

Trees will be shipped direct from the nursery at Westfield, Mass., by Parcel Post or Express, our option. Purchaser to pay transportation charges. Add 15c for first tree—5c for each additional tree.

APPLE TREES

Only the Best Varieties Listed

All trees are standard size.

2-year Apples, 75c each; \$6.50 per ten.

3-year Apples, \$1.00 each; \$7.50 per ten.

Baldwin. Red. Winter. An old favorite.

Cortland. Red. Autumn. Similar to McIntosh. Two weeks later.



Gravenstein. Autumn. Red striped with yellow. Excellent for pies.

R. I. Greening. Large, flesh yellow, firm, crisp. Best cooking apple. Ripens in December. Keeps until May.

Red Astrachan. Deep crimson. Juicy and tender; excellent for cooking. Tree hardy and vigorous and bears young. July-August.

Northern Spy. Winter. Red and yellow striped. One of the best eating apples.

Delicious. Winter. Red. Superior to regular Delicious.

McIntosh. October to January. Red. One of the best.

It is surprising how quickly new set fruit trees come into bearing. There is a satisfaction in growing fruit at home. Don't delay. Set trees this season.

CHERRIES

For Eating Fresh—Pies—Canning

\$1.00 each; 3 for \$2.80; 10 for \$9.00.

Black Tartarian. Sweet. Black.

Early Richmond. Sour. Red.

Late Montmorency. Sour. Red.

Yellow Spanish. Sweet.



PEACH TREES

Easy to Grow—

Take Little Room

50c each; 3 for \$1.45; 10 for \$4.50

Belle of Georgia. Yellow skin overspread with red. Flesh white and juicy. Excellent for canning. Early September.

Carman. Brilliant red splashed with yellow. Flesh white, juicy, pleasant, very tender. Productive and well adapted to cold winters and dry summers. August.

Crawford Early. Yellow, with heavy red blush. Flesh yellow. An old time favorite. Late August.

Elberta. Large yellow with red cheek. Flesh yellow. Heavy cropper. Hardy. Early September.

Golden Jubilee. Large yellow overcast with red. Flesh yellow. One of the newer varieties. Late August.

Hale-Haven. Yellow freestone.

J. H. Hale. Larger than Elberta. Deep golden yellow overlaid with deep carmine. Flesh deep yellow. Fine grained. Fuzzless. Early August.



PEARS

Plant These Juicy Tender

Richly Flavored Pears—

Enjoy Delicious Fruit

\$1.00 each; 3 for \$2.80; 10 for \$9.00.

Bartlett. An every purpose Pear. Excellent for canning. Fruit large, pyramidal. August and September.

Clapp's Favorite. Early. Large, rich and juicy.

Sheldon. Round in form. Dark green covered with russet. Rich flavor. The tree is a vigorous grower. Unexcelled for home planting. October and November.



Leading Strawberries

Extra Strong Roots Ready to Yield Fine Crops

Runner plants—prices: 25, 50c; 50, 90c; 100, \$1.75; 500, \$7.50.

Prices include delivery—plants are freshly dug for each order.

Due to the unusual labor situation we are offering only a few varieties which we consider the best for general use. Strawberry plants may be set any time the ground is workable up to June 1st.

CATSKILL. New midseason variety. A heavy bearer of large size and attractive berries. It has extra long roots and will stand dry weather better than the average. You will be pleased with this berry. Order early as our supply is limited.

DORSETT. (Per.). New. Introduced by U. S. Dept. of Agriculture. A vigorous grower. Berries bright red, mild flavor. Early.

FAIRFAX. (Per.). New. Introduced by U. S. Dept. of Agriculture. Makes few runners. Foliage large, dark green. Berries deep red, very sweet. Long bearing season. Early.

HOWARD 17. (Per.). One of the best early berries, bright red color, large size, very productive and firm.

Everbearing Varieties

Prices: 25, 75c; 50, \$1.50; 100, \$2.75; 500, \$12.00.

GEM. Berries are even size, about as large as Mastodon. Plants have less foliage; flavor is delicious. Berries are firm.

MASTODON. The berries are very large and hold their size well. Plants set in spring begin bearing in August and bear until the ground freezes.



General List of Fertilizers and Soil Builders

All Fertilizers listed are subject to sale only as authorized under the War Production Board regulations at time of delivery.



ARMOUR'S 3-8-7
Victory Garden
Fertilizer for
Food Production
only. This is the
only fertilizer
that can be used
by any home gar-
deners. Price:
25-lb. bag, \$1.10;
50-lb. bag, \$1.85;
100-lb. bag, \$3.00.

LEE MAGNESIUM GROUND LIMESTONE. A magnesium limestone particularly suitable for soils showing a deficiency of magnesium. Price per 100-lb. bag, \$1.00; 500 lbs., \$3.75. Ton prices on request.

TOBY GROUND LIMESTONE. A high calcium, finely ground limestone. Price per 100-lb. bag, \$1.00; 500 lbs., \$3.75. Ton prices on request.

SURE CROP HYDRATED LIME. Price: 50-lb. bag, 60c; 100 lbs., \$1.00. Ton prices on request.

SNOW FLUFF HYDRATED LIME. For spraying. Price: 50-lb. bag, 65c; 100 lbs., \$1.20. Ton prices on request.

LAND PLASTER (Gypsum). For composting and dusting. Per bag of 100 lbs., \$1.25; per ton, \$18.00.

ARCADIAN NITRATE OF SODA. An active, quickly soluble nitrogenous fertilizer stimulating leaf growth. For lawns, leafy vegetables, tomatoes and plants showing tardy growth. Price: 5 lbs., 35c; 25 lbs., \$1.00; 50 lbs., \$1.80; 100 lbs., \$3.25.

MURIATE OF POTASH 50%. A highly concentrated form of potash. Used in forcing vegetables and with a filler as a general fertilizer. Price: 100 lbs., \$3.50.

FINE GROUND BONE. 2.47% nitrogen, 23% phosphoric acid. Price: per 25 lbs., \$1.35; per 50 lbs., \$2.15; per 100 lbs., \$3.75; ton, \$61.00.

IMPORTED GROUND PEAT FOR HORTICULTURISTS. Finely ground (granulated) peat is of recognized value to the florist, gardener or nurseryman. Market price.

CANADIAN ASHES, HARDWOOD. Valuable for potash, destroying insects and controlling diseases. For top dressing lawns; apply at rate of 1 to 2 tons per acre. 50 lbs., \$1.50; 100 lbs., \$2.50; ton, \$40.00.

CALCIUM CHLORIDE. Dust layer and surface binder. One bag will cover about 50 square yards. Used also as an anti-freeze. Sold in 100-lb. bags only. 100-lb. bag, \$2.70. Prices for larger quantities on request.

TOBACCO DUST. Fine, ground; for greenhouse use this is one of the best articles for dusting all kinds of plants that are affected with insects of any kind. Per bag of 100 lbs., \$5.00; 50-lb. bag, \$2.75; 5 lbs., 50c.

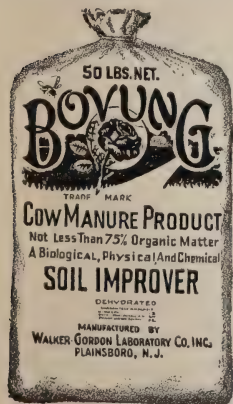
TOBACCO STEMS. Used for fumigating, also used by some as a top dressing for fertilizer. We can furnish these in any quantity. Prices: 5 lbs., 50c; 100 lbs., \$3.00.

STIM-U-PLANT tablets are designed for use by all who grow plants. Simply insert a tablet in the soil near each plant or dissolve four tablets per gallon of water. Price postpaid, 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50.

VITAMIN B-1 VITAFORCE tablets produce amazing reinvigorated root growth. 100 tablets to a bottle, each tablet making one gallon, 35c; postpaid, 40c.

Adco—For Making Artificial Manure

150 lbs. of Adco converts leaves, garden refuse or other waste vegetation into 3 tons of artificial manure by a simple composting method. Home owners, vegetable growers or florists can profit by its use. 7½-lb. pkg., \$1.00; 25-lb. bag, \$2.00; 100 lbs. (4-25's) \$7.75.



BOYUNG is COW MANURE in a CONVENIENT and CONCENTRATED FORM

- * BOYUNG is absolutely free from live weed seeds.
- * BOYUNG can be applied without fear of burning or harmful results.
- * BOYUNG supplies plant food as the plant needs it.
- * BOYUNG is clean, convenient to handle and is reasonable in price.

Prices: 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.25; 1,000 lbs., \$29.00; ton, \$55.00.



| Nit. | A.P.A. | Pot. | Prices Quoted on Request |
|------|--------|------|-----------------------------------|
| 3 | 12 | 6 | |
| 4 | 9 | 7 | |
| 4 | 10 | 11 | |
| 4 | 16 | 20 | |
| 6 | 15 | 15 | |

20% Super Phosphate



HY-TROUS LIQUID FERTILIZER ODORLESS—ECONOMICAL—BALANCED

1 Tablespoonful makes 1 Full Gallon

A remarkable liquid fertilizer, this HY-TROUS. Completely balanced . . . concentrated; one tablespoonful makes a gallon of efficient plant food when mixed with water . . . will not burn the most tender root, leaf, or flower . . . easily applied . . . positive in results . . . economical to use . . . completely odorless. For flowers, fruits, vegetables, lawns, shrubs, trees, and houseplants.

Marjorie Mills will tell you about Hy-Trous every week over WBZ and the New England Network.

3 ozs. . . \$0.25
8 ozs. . . .59
16 ozs. . . .99
32 ozs. . . 1.79
1 gal. . . 5.95
BUY TODAY!

For sturdy, healthy growth in all
types of plant-life, use

HY-TROUS

Concentrated, Odorless Liquid
Fertilizer

PLANTABBS



Plantabbs now contain Vitamin B1. Vitamin B1 is combined with Plantabbs. B1 is not a fertilizer or food. It simply acts to release and magnify the food in soil. If the soil is poor, there is no food to release, therefore, Plantabbs supply a complete, balanced food and Vitamin B1 magnifies its value.

Small pkg. (30 tablets), 25c; postpaid, 30c. 75-tablet pkg., 50c; postpaid, 55c. 200-tablet pkg., \$1.00; postpaid, \$1.10. 1000-tablet pkg., \$3.50; postpaid, \$3.65.

General List of Fertilizers and Soil Builders

VIGORO VICTORY GARDEN FERTILIZER

Vigoro Victory Garden Fertilizer is formulated in the same scientific manner always employed in the manufacture of regular Vigoro, having the benefit of many years practical experience in the manufacture of plant food as well as more than twenty years research work in developing the right formulas.

Vigoro Victory Garden Fertilizer is a complete plant food. It is cleaner, odorless, sanitary, but above all, economical to use. Its use will insure a bountiful crop of flavorful mineral-rich vegetables which are so vital to our diet. Price per 100-lb. bag, \$3.50; 10-lb. bag, \$2.25; 25-lb. bag, \$1.40; 10-lb. carton, 80c; 5-lb. carton, 50c.

TRAIN-ETTS

New! Different!

Weatherized TRELLIS NETTING

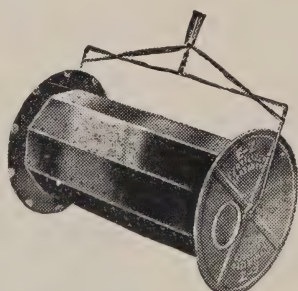


Ideal Support for
SWEET PEAS,
GARDEN PEAS,
POLE BEANS,
CUCUMBERS,
TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons.

In 3 sizes: No. 1, 60x72 in., 39c; No. 2, 60x96 in., 49c; No. 3, 60x180 in., 69c. Postpaid.

Fertilize your lawn . . . Sow your seed the NEW E-Z way!



. . . Scientific: Quick, Economical

It's fun to fertilize your lawn the new "E-Z" way. Simply fill container with any commercial fertilizer, guide like a vacuum cleaner, and your lawn is covered—quickly, scientifically, uniformly. Dependable construction assures long life for your efficient, economical Germaco E-Z Fertilizer Spreader. Order yours now. E-Z FERTILIZER SPREADER, \$1.25.

DRICONURE

A garden and lawn top dressing and soil improver. This ideal plant food combines poultry and cow manure with peat moss. Clean, easy to use; will not burn. Large 2-bu. bags, sufficient for top dressing 1000 sq. ft. lawn area or fertilizing 250 sq. ft. garden area. Price per 2-bu. bag, \$1.75.

MILORGANITE

The Ideal Fertilizer

FOR LAWNS, GARDENS, FLOWERS,
SHRUBS AND TREES

By using Milorganite you can have a finer, more luxuriant lawn—deep green grass of uniform color and growth, weed-free turf of velvety texture. Promotes steady, uniform growth. Milorganite "has what it takes" for healthy continuous plant growth. Packed in 100-, 50-, and 25-lb. bags only. 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.25; 1/2-ton lots, \$2.90 per 100 lbs.; ton lots, \$50.00 per ton.



SWIFT'S PULVERIZED SHEEP MANURE

A standard dressing for lawns, also excellent for shrubs and flowers. Apply at the rate of about 50 lbs. per 1000 sq. ft. Prices: 5-lb. bag, 30c; 10-lb. bag, 55c; 25-lb. bag, \$1.15; 50-lb. bag, \$1.90; 100-lb. bag, \$3.00; ton, \$50.00.



WHY, JANE,
TOMATOES ALREADY!
HOW COME?



EASY... I USE HOTKAPS!

Germaco

Hotkaps

HELP YOU GROW EARLIER,
HARDIER VEGETABLES and
FLOWERS

Germaco HOTKAPS—strong little hot houses—protect plants from destructive frost, storms, insects. University Agricultural Experiment Station tests prove HOTKAPS increase total yield 18% to 51%, promote bigger fruits and vegetables, ripen plants three weeks earlier. Quick, easy to set, instructions on package. 100 million used by successful growers. Beat everyone with first vegetables, flowers. Order today. 25 Hotkaps with cardboard setter, 50c. Postage extra.

Market Growers: University tests prove Germaco HOTKAPS nearly double your early marketable yield per acre, help you get highest out-of-season prices. Premium profits pay for them many times over. Crop failure is costly—HOTKAPS protection is cheap! Order today.

Millions of HOTKAPS are used every season. Inexpensive to buy. One man can set out 2000 or more per day.

1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 10,000 lots, \$10.50 per M; 25,000 lots, \$10.25 per M; 250 Pkg. with Fibreboard Setter, \$3.50; 100 Pkg. with Fibreboard Setter, \$1.95; 25 Home Garden Pkg. with Setter, 50c; Steel Setter, \$1.35; Fibreboard Garden Setter, 15c.

Weight: 1000 package HOTKAPS, 28 lbs.; 250 package, 9 lbs; 100 package, 5 lbs; Home Garden Package, 2 lbs.; Steel HOTKAPS Setter, 4 lbs.

Postage extra. Write for Free Booklet.



Germaco

'TWIST-EMS'

HELP YOU TO SUPPORT
PLANTS QUICKLY, NEATLY,
PERMANENTLY

Say "goodbye" to unsightly twine and raffia, to needless

work with shears.

Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported.

TWIST-EMS—strong, dark green, "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, shrubs and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Buy today.

Box of 125,
8-in. size, 25c
Box of 250,
4-in. size, 25c
Box of 125,
16-in. size, 50c

Prices on request for the nurseryman's package containing 5000 either 4-inch, 6-inch, 8-inch, or 16-inch sizes.



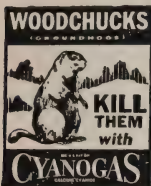
Remedies for Insects, Fungus, Etc.

Plantet

A complete nutrient mixture for growing plants in water or sand the new soilless way. This new hobby, the soilless growing of plants, is an unlimited source of entertainment and at the same time is educational. No special equipment necessary. 8-oz bottle of dry mixture, enough for preparing 30 gallons of growth solution. Price, 75c; postpaid, 85c.

EVER GREEN Garden SPRAY

1-oz. bottle, 35c; 6-oz. can, \$1.00; 16-oz. can, \$2.15; 1-gal. can, \$12.20.



When exposed to the air, Cyanogas A-Dust gives off gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed.

Cyanogas is also certain death to rats, moles and ground squirrels. 1/2-lb. can, 45c; 1-lb. can, 75c; 5-lb. can, \$3.00; 25-lb. can, \$10.00.

"Nico-Fume" Powder Pressure-Fumigator

"Nico-Fume" Powder is now packed in hermetically-sealed cans. It is packed in both one-half and one pound cans. Two holes are scored, ready to be punched out. A special lighter is attached to the can. 12 1-lb. tins to case, \$7.40; 6 1-lb. tins, \$4.00; 1-lb. tin, 80c. 12 1/2-lb. tins to case, \$4.45; 6 1/2-lb. tins, \$2.50; 1/2-lb. tin, 50c. Nico-Fume Powder, 10-lb. tin, \$6.30. NICO-FUME LIQUID. An effective vaporizing liquid. 1 lb., \$2.45; 4 lbs., \$6.55; 8 lbs., \$11.25.



Kills Ants in the Nest

ANTROL



Regular Set

Ready Filled Set

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Antrol containers are heavy glass, with rust-proof aluminum lids. Controls both sweet and grease-eating ants.

Ready Filled Sets, containing 4 filled feeders, 40c.
Regular Antrol Set, 4 containers and 4-oz. bottle syrup, 60c.
Syrup, 4-oz. bottles, 20c; pints, 50c; gallons, \$2.75.
Extra glass containers, 10c each.

Antrol Ant Traps

Kills both sweet and grease-eating ants if it contains two kinds of specially prepared materials, ready to use by simply punching out the perforations on the side of the can. Antrol Ant Traps, 10c each.



Antrol Ant Powder

An improved fast-killing powder in an attractive handy shaker can. 1 3/4-oz. can, 10c; 4 1/2-oz. can, 25c.



Buckeye Antube—Economical—Safe—Quick. Used by most all Country Clubs. Household and garden size, 35c; Country Club size, \$1.00 per tube; \$9.25 per doz. tubes.

Stanley's Crow Repellent

The most effective way to prevent crows and other birds from pulling corn is to treat the seed with something that is repellent to them. Stanley's Crow Repellent is excellent for this purpose. The material is non-poisonous, easy to apply, will not injure seed of any kind and will not clog any planter. Directions for treating seed on each can. 1/2-pt. can, 60c. (Enough for 1 bu. corn.) 1-pt. can, \$1.00. (Enough for 2 bu. corn.) 1-qt. can, \$1.75. (Enough for 4 bu. corn.) Mailing weight, each 2 lbs.



Arnold Garden Hose Insecticide Sprayers

ARNOLD STANDARD SPRAYER. Shut-off, transparent cartridge chamber with metal threaded ends, 12-inch angle nozzle, chromium plated, \$4.00.

ARNOLD SPECIAL SPRAYER. Shut-off, 12-inch nozzle, brass finish, transparent cartridge chamber, \$3.25.

Arnold Cartridges

P-R (Pyrethrum-Rotene). For the control of such sucking and chewing insect pests as aphids, rose beetle, canker worm, red spider. 35c each; 12 for \$4.00.

PYR-O-SPRAY CARTRIDGES. Will aid in the control of certain soft-bodied sucking insects such as aphids. 35c each; 12 for \$4.00.

ROT-O-SPRAY CARTRIDGES. Will aid in the control of such insects as cyclamen mite, Mexican bean beetle, striped cucumber beetle and red spider. 35c each; 12 for \$4.00.

NIC-O-SPRAY CARTRIDGES. Will aid in the control of certain soft-bodied sucking insects such as aphids. 35c each; 12 for \$4.00.

ARSEN-O-SPRAY CARTRIDGES. Will aid in the control of canker worm and other similar leaf-chewing insects. 35c each; 12 for \$4.00.

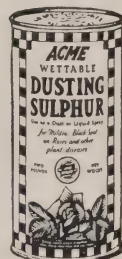
FUNGUS-SPRAY CARTRIDGES. Will aid in the control of certain leaf spots or blights such as are controllable by a mild or weak Bordeaux Mixture. 35c each; 12 for \$4.00.

SULPH-O-SPRAY CARTRIDGES. Will aid in the control of such fungous diseases as are controllable by a mild and weak sulphur spray. 35c each; 12 for \$4.00.

Acme Wettable Dusting Sulphur

An improved dusting sulphur for home use which can also be used as liquid spray. Recommended to control mildew, leaf spot, black spot and rust on rose bushes, snapdragons, etc.

2-lb. carton, 30c each.



SNAROL (With Metaldehyde as an attractant).

Cutworms, slugs, snails, grasshoppers, and other annoying pests are quickly exterminated by this amazing new preparation. Snarol is a ready prepared meal that you simply broadcast on the ground—under the flowers and plants. Water will not harm it. 1-lb. carton, 25c; 2 1/2-lb. carton, 50c; 10-lb. carton, \$1.50; 50-lb. bag, \$6.40.

Insecticide, Fungicide and Plant Stimulant in One Spray



We highly recommend TRI-OGEN for your roses—it not only protects them against all fungus diseases and insect pests, but it stimulates vigorous plant growth and assures healthy green foliage and luxuriant blooms.

Small kit, \$1.50 Medium kit, \$4.00
Large kit, \$6.00 Estate kit, \$20.00

INSECTOGEN. Kills most leaf-eating insects. Recommended to be used with Fungitrogen on roses and other plants. 4 ozs., 60c; 1/2 pt., \$1.00; 1 pt., \$1.75.

FUNGITROGEN. For mildew and black spot on roses and other plants. 4 ozs., 45c; 1/2 pt., 75c; 1 pt., \$1.25; 1 qt., \$2.00; 1 gal., \$6.00.

TEROGEN. Autumn-winter ground dressing and soil disinfectant, kills the larvae of insects, such as rose-pith borer, rose bugs, Japanese beetles, aphids and ants. 1-lb. tin, 75c; 2-lb. tin, \$1.25; 5-lb. tin, \$2.75.

MOLOGEN. (In powder form.) Will in no way injure the grass or soil. Eliminates moles from lawns within two or three days. 1/2-lb. can, 50c; 1 1/2-lb. can, \$1.25; 5-lb. can, \$4.00.

Crow-Fez

Crow-Fez for use on seed corn gives the surest protection against corn pests. It protects corn during the period when it is most easily damaged, by ridding your fields of crows and other corn-pulling birds and rodents. It also helps seed rot and hastens germination.

1/2-pint can (enough for 1 bushel)\$0.40
1-pint can (enough for 2 bushels)60
1-quart can (enough for 4 bushels)90
Mailing weight, each 2 lbs.

Remedies for Insects, Fungus, Etc.

BLACK LEAF 40. (Nicotine Sulphate, Nicotine 40 Per Cent.) Is the best known remedy for potato lice, thrips, leaf hoppers, etc., and other similar insects. Use about 1 to 1000 or 1 oz. will make 6 gallons of solution. 1 oz., 36c; 5 ozs., \$1.05; 1 lb., \$2.50; 2 lbs., \$3.70; 5 lbs., \$6.90; 10 lbs., \$11.65; 50-lb. drum, \$47.00.

ACCO (Calcium Caseinate) acts as a cohesion neutralizer. Acco destroys the tendency toward cohesion and causes the material to spread evenly. Acco Calcium Caseinate acts as a spreader and adhesive for spray materials. 2 lbs., 52c; 100 lbs., \$25.00.

TREE TANGLEFOOT. A safeguard against gypsy, brown-tail and tussock moth, canker worm, ants and all creeping things. 6 ozs., 45c; 1-lb. can, 80c; 5-lb. can, \$3.75; 10-lb. can, \$7.00; 25-lb. pail, \$15.00.

GRAFTEX. Scientific grafting compound. An ever-plastic compound. Endorsed by leading tree surgeons and agricultural authorities. ½-lb. can, 50c; 5-lb. can, \$4.25 each.

GRAFTING WAX. Prices: ¼ lb., 25c; ½ lb., 35c; 1 lb., 55c.

CREOSOTE FOR GYPSY MOTHS. For the destruction of the eggs of gypsy moth. Qt., 50c, shipping weight 3 lbs.; gal., \$1.25, weight 9 lbs.; 5-gal. can, \$4.50.

CABOT'S TREE HEALING PAINT. 1 qt., 45c; 1 gal., \$1.15; 5 gals., \$4.50. Barrel lots, price on request.

COAL TAR. For tarring corn to prevent crows from pulling it. ½ pt., 15c; 1 pt., 25c; qt., 35c. Shipping weight 2 lbs. and 4 lbs.

WILSON'S O. K. PLANT SPRAY. An excellent general contact spray for garden or greenhouse. Dilute 1 qt. to 10 gals. water. Kills aphid, thrip, red spider, lace wing fly on Rhododendrons, box mite, currant worms, etc. Prices: ½ pt., 40c; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00.

K-O FLY SPRAY for Cattle. Contains no tar, refuse or heavy dark oils. Will not taint milk when used as directed. Price: per gal., \$1.50, weight 9 lbs; 5-gal. can, \$6.75.

IN-A-MINUTE. Will destroy bugs, roaches and similar vermin. Used for cleaning clothing, ink stains, etc. Price: 14-oz. bottle, 50c.

CUPROCIDE. (Red copper oxide.) A seed disinfectant. Prevents damping-off and other fungous diseases. 1-lb. can, 90c; 5-lb. can, \$4.00.

GREENTOX—Rotenone Garden Spray. Controls leaf-eating and sucking insects on flowers, shrubs, fruits, etc. Kills 3 ways—by contact, by fumes, and by stomach poisoning. Greentox is non-poisonous to humans, animals, and birds. Oz., 35c; 6 ozs., \$1.00; 16 ozs., \$2.00; 32 ozs., \$3.50; gal., \$12.00.



FORMACIDE. (Hammond's.) Stabilized Formaldehyde Dust seed and soil disinfectant used as a control of damping off. 1-lb. can, 85c; 5-lb. can, \$2.50; 25-lb. drum, \$10.00.

FORMALDEHYDE. (Liquid.) Prevents potato diseases and insures a big, healthy crop. 1 lb., 45c.

PARIS GREEN. A poisonous insoluble powder, for preventing the ravages of potato-bugs, codling moth, caterpillars, slugs. Mix 1 pound to 100 pounds of plaster, or 200 gallons of water. Lb. 55c; ½ lb., 30c; ¼ lb., 20c.

PINE TAR. Used in the stable for cuts and bruises. ½ pt., 20c; pt., 30c; qt., 40c.

SEMESAN. The modern seed disinfectant for all agricultural purposes. List directions with each can. Circulars mailed upon application. 2-oz. can, 40c; 1-lb. can, \$2.50; 5-lb. can, \$11.40.

SEMESAN JR. For sweet and field corn diseases. 1-lb. can, 75c; 5-lb. can, \$3.00.

SEMESAN BEL. For bulbs, roots, and tubers. 2-oz. envelope, 30c; 1-lb. can, \$1.65; 5-lb. can, \$7.15. Semesan being a poisonous disinfectant is not available.

THIOSAN—Protect Your Turf. DuBay's new organic fungicide for Brown Patch control. Effective, safe, non-poisonous. A non-mercurial fungicide for golf and lawn turfs. Economical. Thiosan has the same economical features as Special Semesan. 5-lb. can, \$6.45; 25-lb. pail, \$30.00; 100-lb. drum, \$115.00.



TOBACCO DUST. In 1-lb. package for dusting plants for lice, etc. 1-lb., 25c; 5 lbs., 50c.

ACME SPRAY SOAP. For destroying insects on plants, etc. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

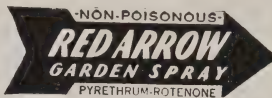
ANT-X JELLY BAIT. Ants like the taste of ANT-X, but it is "THEIR LAST MEAL." They carry it back to their nests—destroys the whole colony. Handy, convenient tubes. 1 oz., 35c; 4 ozs., \$1.00.



SLUG SHOT. A fine powder used for potato bugs and other insects. Recommended for cabbage worms. 5-lb. pkg., \$1.20; 1-lb. pkg., 30c.

GRAPE AND ROSE DUST. A readily diffusible, light weight powder fungicide, very effective in destroying powdery mildews and in preventing blights in greenhouses or in the open. Price: 5-lb. pkg., \$1.25; 1-lb. pkg., 35c.

CARBOLINEUM. Of the numerous preservative compounds on the market Carbolineum stands alone as time-tried and thoroughly tested. Gallon can, \$1.50, weight 11 lbs.; 5-gal. can, \$6.25.



RED ARROW INSECT SPRAY. Effective and non-poisonous. Will not stain or injure tender flowers. A contact spray that will kill both sucking and chewing insects. 1-oz. bottle, 35c; 4 ozs., \$1.00; 1 pt., \$2.85; 1 qt., \$5.00; 1 gal., \$17.00.

HERBICIDE. The original weed killer. A powerful chemical for destroying weeds and grass on roadways, paths, tennis courts, etc. Each gallon may be diluted with 50 gallons of water. 1-qt. can, 50c; 1-gal. can, \$1.50; 5-gal. drum, \$6.00; 10-gal. drum, \$10.00; 30-gal. drum, \$24.00; 55-gal. drum, \$33.00.

Dolge Weed Killer

Kills all growth on tennis courts, walks and drives. Destroys ivy, etc., on walls, fences and courtyards.

| | |
|--------------------------------------|---------|
| 1-qt. can (enough for 10 gals.) | \$ 0.75 |
| 1-gal. can (enough for 40 gals.) | 1.85 |
| 5-gal. can (enough for 200 gals.) | 8.00 |
| 10-gal. can (enough for 400 gals.) | 14.00 |
| 30-gal. bbl. (enough for 1200 gals.) | 33.00 |
| 55-gal. bbl. (enough for 2000 gals.) | 48.95 |

Plus deposit on drums which are returnable—15-gal. drum, \$4.00; 30-gal. drum, \$5.00; 55-gal. drum, \$6.00.

SUNOCO Spray Oil

For scale insects, aphid and red mite on apple trees. The ideal petroleum spray is an oil that will form a perfect and permanent mixture with water. 50-gal. steel drum, per gal., 41c; plus \$4.00 deposit on returnable drum; 5-gal. can, per gal., \$1.20; 1-gal. can, per gal., \$1.50.

SCALECIDE. The quality miscible oil. Dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungus spores wintering on the plant. Mixes instantly—dilute 1 to 15. 1 qt., weight 3 lbs., 75c; 1 gal., weight 9 lbs., \$1.75; 5 gals., \$6.35; 15 gals., \$14.95; 30 gals., \$23.75; 50 gals., \$32.90.

SULFOCIDE. A concentrated liquid sulphur fungicide. Used on both apples and peaches and all kinds of fruits, vegetables and flowers. Controls apple scab, brown rot of peaches, plums and cherries, blight and rot of potatoes, tomatoes, and melons. Used for mildew and rust on flowers and shrubs. Prices: 1 pt., 60c; 1 qt., \$1.00; 1 gal., \$2.50; 5 gals., \$8.25; 15 gals., \$20.35; 30 gals., \$36.50; 50 gals., \$55.00. Packages not returnable.



CYANO GAS ANT KILLER. Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of the nest. This 4-oz. size contains enough Cyanogas to kill a million ants. 4-oz. can, 30c.

Carbola Paints and also Disinfects

Carbola is a white paint and powerful disinfectant combined in powder form. Easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. One pound covers 100 sq. ft. 5 lbs. (5 gals.), 60c; 10 lbs. (10 gals.), 98c; 25 lbs. (25 gals.), \$1.90; 50 lbs (50 gals.), \$3.50.

TOPZOL RAT BAITS. Kills rats and mice only. Safe, economical and simple to use. Pkg., 20c.



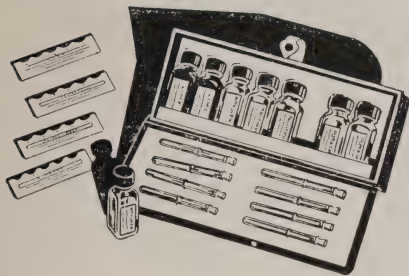
DOG-O-WAY. Keeps dogs away from evergreens and other plants. Harmless to children, plants and animals. Simply dust on foliage. Large size pkg., 25c.

Liquid CHAPERONE

New outdoor dog repellent. "More effective than any other material for repelling dogs," reports a leading State Agricultural College. A wonderful new dog repellent that is not dissolved by rain. Harmless. Long lasting. Ends the dog nuisance in your garden. Try it when other materials have failed. Liquid Chaperone, full 12-oz. size, \$1; 4-oz. bottle, 50c.

Remedies for Insects, Rodents, Fungus, Etc.

THE SUDBURY "Club Model" SOIL TEST KIT \$4.75



This new model in the famous Sudbury line gives a complete season of soil testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Easy to use. Cased in handsome sturdy imitation leather. Made by the maker of professional soil test kits used by experiment stations, nurserymen, growers and greenskeepers throughout the country. The Sudbury Club Model Soil Test Kit complete with instructions and helpful chart, \$4.75.

TESTING FLUID FOR REFILLS. Specify whether for nitrogen, phosphorus, potash or acidity. 2 ozs., 75c; 6 ozs., \$1.50. Also, Home Gardeners' Soil Test Kit, \$2.00, postpaid. Horticultural Soil Test Kit, \$9.75. Professional Soil Test Kit, \$18.50.

Pyrox

Safe all-around spray for killing leaf-eating insects; prevents blight and fungus troubles on potatoes, vegetables, roses, fruit trees, etc. Prices: 25-lb. drum, \$5.75; 50-lb. drum, \$8.35; 300-lb. drum, \$34.50.

NICOTINE PYROX is the standard Pyrox with nicotine added to control sucking insects, as well as the chewing insects and blight. A complete spray. Prices: 17.6-oz. jar, 60c; 5-lb. drum, \$2.00; 25-lb. drum, \$6.50; 50-lb. drum, \$10.65.

ATLACIDE

CHLORATE WEED KILLER

Kills Poison Ivy and Other Weeds

| | |
|-----------------------|--------|
| 5-lb. tin | \$1.50 |
| 15-lb. drum | 3.50 |
| 50-lb. drum, per lb. | .13 |
| 100-lb. drum, per lb. | .12 |

RAT-NIP. Mows them down with ease. Quickly kills even the foxiest old ones. Twenty-five years of success. Tube, 35c.

K-R-O

KILLS-RATS-ONLY

Will rid your premises without endangering your pets, livestock, poultry, etc. Harmless to animals other than rats and mice. Price: 2 ozs., 75c; postpaid, 80c. 4 ozs., \$1.25; postpaid, \$1.35. Farm size, price: \$2.00; postpaid, \$2.10. K-R-O Ready Mixed, \$1.00; postpaid, \$1.10. Small size K-R-O Ready Mixed, 35c; postpaid, 45c.



PYROTE. (Mechling's.) Concentrated Rotenone-Pyrethrum spray for flowers, plants, fruits, and vegetable crops, controlling the majority of chewing and sucking insects. Diluted with water, Pyrote has a very high toxic value. Will not discolor flowers. Contains spreader. Excellent control for chinch bugs and sod webworms. For control of bulb fly larvae, mites and thrips, dip bulbs in Pyrote solution before planting and after digging. Kills fleas on dogs. Full directions and dilution table in cartons. 1-oz. bottle, 35c; 6-oz. bottle, \$1.00; 1-pt. can, \$2.85; 1-gal. can, \$16.00.

NURSERY VOLCK. Is a scientifically selected insecticidal foliage oil emulsion that can be used on tender plants all through the season. Recommended as a contact spray to control scale insects, mealy bugs, red spiders, rust mites, white flies, and many other insects. 1-qt. tin, 75c each; 1-gal. tin, \$2.25 each; 5-gal. drum, \$9.00 each.

GARDEN VOLCK. Is a combination spray containing the highest quality summer oil combined with an active form of nicotine, plus soap as a wetting agent, making it a complete contact insect spray. Recommended to control aphids, mealy bugs, red spider, white fly, rust mite, certain scale insects and certain other garden pests. 3 1/2-oz. bottle, 35c each; 1-pt. bottle, \$1.00 each; 1-qt. bottle, \$1.50 each; 1-gal. tin, \$4.50 each.

VOLCK NURSERY AND GARDEN SPRAY. A liquid type material rather than a prepared flowable emulsion. Contains its own emulsifier, making it readily miscible with water. 4-oz. bottle, 35c.

GREENHOUSES



CYANOGAS G-FUMIGANT. Scatter it over the greenhouse walks, and close the house for the night. One cent more than pays the cost of fumigating 1000 cubic feet in a greenhouse. Ask for "Cyanogas Handbook for Greenhouses and Nurseries"—contains complete directions. 5-lb. can, \$3.00; 25-lb. can, \$10.00.

ROOTONE

PATENTS PENDING

ROOTONE, the plant hormone powder, increases roots on cuttings, seeds and bulbs. No soaking is necessary. Just dust and plant. Stimulates germination of seeds and bulbs and speeds up growth, thus producing earlier flowering; and in the case of vegetables, earlier crops. Stops damping-off. 2-oz. jar, \$1.00; 1-lb. can, \$5.00. Add 10c for postage.

TRANSPANTONE

Reg. U. S. Pat. Off.

TRANSPANTONE—the vitamin-hormone plant stimulant. Just mix 1 tea-

spoonful to a gallon of water, then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes 1000 gallons solution. 1-oz. can, 50c; 3-oz. can, \$1.00; 1-lb. can, \$4.00. Add 10c for postage.



ZOTOX

Crab Grass Killer

ZOTOX, a new liquid chemical, kills both the plant and seeds of Crab Grass and checks re-infestation. Does not destroy lawn grasses and is non-injurious to soil. Proved by four years of tests. This new easy method does away with laborious raking and weeding. Simply mix ZOTOX with water and spray it on. A 16-oz. bottle treats 2000 sq. ft. For "spot" treatment of small patches it goes much farther. Prices: 8-oz. bottle, \$1.00; 16-oz. bottle, \$1.50; 32 ozs., \$2.50; 5 lbs., \$4.50. Ask for free literature.



NOTT PRODUCTS

Mole-Nots:

Kills moles in their holes. An attractive rodent food for these pests and will help exterminate them. Household size, 35c; Estate size, \$1.00.

Rat-Nots:

A safe, scientific way to exterminate rats. Prepared bait containing Red Squill—NOT A POISON. Household size, 25c; Estate size, \$1.00.

Mouse-Nots:

A meaty, easily hulled, treated seed bait which appeals to the finicky taste of mice and it is "THEIR LAST MEAL." Household size, 25c; Estate size, \$1.00.

Roach-Nots:

Prepared powder bait for roach pests that infest damp homes, cellars, stores, factories, warehouses. Certain to kill them in droves. Household size, 25c; Estate size, \$1.00.

Dog-Check:

An effective proven curb to canine habits, needed by all whose neighbor's dogs "visit" and wither flowers, shrubs, hedges and saplings. One spraying usually lasts from two to three weeks. Unaffected by light rain. Season's supply, 60c; Economy size, \$1.00.



Insecticides and Fungicides

NIAGARA BRAND

Insecticides — Arsenicals

ARSENATE OF LEAD. A highly effective and practical insecticide for leaf-eating and chewing insects, bugs, and worms. Very valuable for the control of white grubs, worms, and certain weeds on lawns, golf courses, and other fine turf areas. Can be dusted on or applied in water suspension. 1-lb. canister, 35c; 4-lb. bag, 85c. Get our prices on larger quantities.

CALCIUM ARSENATE. A deadly poison especially recommended for potato bugs and chewing insects on certain other vegetable crops. Can be dusted or applied in water suspension as a spray. 4-lb. bag, 60c. Get our prices on larger quantities.

PARIS GREEN. A poisonous insoluble powder, for preventing the ravages of potato-bugs, codling moth, caterpillars, slugs. Mix 1 pound to 100 pounds of plaster, or 200 gallons of water. 1-lb., 55c; ½ lb., 30c; ¼ lb., 20c.

Rotenone-Pyrethrum Insecticides

(Non-Poisonous to Animals and Humans)

NEU-ROTE. (Niagara's.) A rotenone-pyrethrum bearing liquid spray. Harmless to humans and animals—kills chewing and sucking insects such as aphids, leaf hopper, beetles, worms, etc.; safe to use on tender foliage. We recommend this to you as one of the most effective insecticides for use on all plants. Users say: "It kills everything but the plant." 1-oz. bottle, 35c; 5-oz. bottle, \$1.00; 12-oz. bottle, \$2.00; 32-oz. bottle, \$4.80; 1-gal. can, \$10.95; 5-gal. drum, \$47.00.

ROTENONE DUST. Non-poisonous. A highly effective dust for control of bean beetle and other insects attacking crops on which the use of Rotenone is not restricted by Government order. Packed 50-lb. bags, bulk, and 5-lb. bags.

Special Potato Spray Materials

NIAGARA POTA-TOX. 42-lb. cartons (6 7-lb. bags.) Great for killing bugs. Also contains copper fungicide for blight control. Mixes perfectly in any kind of sprayer. Use 7 lbs. per 100 gallons of water. Price: Per carton, 42 lbs., \$4.95; per 7-lb. bag, \$1.00.

DUO-BORDO. Makes a real Bordeaux Mixture. Packed in 50-lb. cartons consisting of 5 bags of bluestone and 5 bags of lime—enough for 250 gallons of spray. Price: Per 50-lb. carton, \$4.75.

Fungicides — Copper Sprays for Potatoes and Vegetables

DRY BORDEAUX POWDER. For preventing blight on grapes, potatoes and other crops that are subject to rust, mildew and black rot; applied dry with bellows. 1-lb. canister, 35c; 4-lb. bag, 85c. Get our prices on larger quantities.

C.O.C.S. SPRAY. (Copper oxychloride sulphate base.) A highly effective neutral copper spray, especially recommended for tomatoes, cucumbers, melons. Also used on potatoes, celery, grapes, for control of fungous diseases. Contains twice as much metallic copper as Dry Bordeaux. Use from 3 to 4 lbs. per 50 gallons water. Prices: 48-lb. carton (16 3-lb. bags), \$10.00; per 3-lb. bag, 90c.

D. B. TREATED BLUESTONE. An instant form of copper sulphate for combining with spray lime to make old fashioned bordeaux spray. 100-lb. bag, \$10.90; 64-lb. carton (16 4-lb. bags), \$7.65 each.

Caustic Sulphur Sprays

CONCENTRATED LIQUID LIME-SULPHUR kills San Jose scale, oyster shell, etc. An easily prepared spray which should be applied to trees any time between the autumn falling of leaves and the spring budding. It destroys growths injurious to the tree without in any way harming the tree itself. Simply dilute with water and apply. 1 gallon of Lime-Sulphur makes 10 gallons of spray. 1 qt., 50c, weight 3 lbs.; 1 gal., \$1.00, weight 12 lbs.; 5 gals., \$4.00; 50-gal. barrel, price on application.

LIME-SULPHUR. (Dry.) Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. 1-lb. cans, 35c; 5-lb. cans, \$1.35; 25 lbs., \$3.75; 100 lbs., \$10.00; 200 lbs., \$9.25 per 100.

Fungicides — Copper Dusts With and Without Poison

C.O.C.S. COPODUST. Fungicide only. Contains the highly effective neutral copper, copper oxychloride sulphate, plus an inert carrier. Contains no lime. Especially recommended for dusting tomatoes, cucumbers, melons, etc., also used on potatoes, celery, for control of blight. Can be dusted when plants are dry or wet. Will not burn. Price: 75-lb. bag, \$7.40 per cwt.; 5-lb. bag, 65c each.

C.O.C.S. COPOTEX. Contains the same form of neutral copper as C.O.C.S. Copodust but with the addition of calcium arsenate to control potato bugs. Price: 75-lb. bag, \$9.70 per cwt.; 5-lb. bag, 85c. (On crops that are susceptible to arsenical injury such as melons, cucumbers and tomatoes, we would recommend a special neutral copper dust such as Cucurbit Dust in place of C.O.C.S. Copotex.)

CUCURBIT DUST. Best all-purpose dust for cucumbers, melons, squash. Controls striped cucumber beetle and other rasping or chewing insects. Also controls blight and mildew. Price: 50-lb. bag, \$4.00; 5-lb. bag, 85c.

COPODUST. The New, Exclusive Niagara Copper-Lime Fungicide for potatoes and other field crops. Per 100 lbs., \$8.15.

COPOTEX. The New, Exclusive Niagara Copper-Lime Dust for field crops, with poison added, for potato bugs, etc. Per 100 lbs., \$10.45.

VITIDUST. The New, Exclusive Niagara Copper-Lime Dust for apples and grapes, used to control disease and chewing insects. Per 100 lbs., \$8.50.

D-18. The Standard Copper-Lime and Poison Dust used to control potato bugs and diseases on all truck crops. Per 100 lbs., \$9.00.

D-25. The Standard Copper-Lime Dust, used for the control of diseases only, on potato and truck crops. Per 100 lbs., \$7.75.

Nicotine Dusts

A-1 NICOTINE DUST. 3% nicotine—for control of sucking insects such as aphids, red bug, pear psylla, leaf hopper, etc. Per 100-lb. container, \$12.25.

P. A. NICOTINE DUST. 4% nicotine—especially recommended for pea aphids and aphids on squash and cucurbits. Per 100-lb. container, \$16.25.

Spreaders and Spray Conditioners

Colloidal Spreader

With all combinations of sulphur fungicides and arsenicals, Colloidal Spreader improves the spread, increases the efficiency of the arsenical in the spray and aids in the prevention of arsenical injury. Use ½ lb. to 100 gals. of spray. When water is exceptionally hard, use 1 lb. to 150 gals. of spray. 1-lb. bag, 30c; 25 1-lb. bags, 25c per lb. bag; 50 1-lb. bags, 23c per lb. bag.

SPRAY-SPREAD. A highly concentrated liquid spreader and sticker especially recommended for codling moth sprays where arsenate of lead is used. Use ¼ pint per 100 gallons. Price: 1-qt. cans, \$2.25 each.

Dormant and Delayed Dormant Oil Sprays

EMULSO OIL SPRAY — 83% Oil Emulsion. A highly potent dormant oil spray for control of certain insect eggs, scale etc.; contains rotenone for extra effectiveness. Safe to use at dormant or delayed dormant stage on apples, pears, or wherever dormant oil sprays are indicated. Price: 50-gal. steel drum, 47c, plus \$5.00 charge for drum returnable for credit within 60 days. If packed in wooden barrel no charge will be made for container but price will be 2½c per gallon over the metal drum price. 30-gal., 10 gal., and 5-gal. containers—prices on request.

PENINSULAR OIL SPRAY — 83% Oil Emulsion. A popular, safe and stable oil emulsion spray for use on apples, pears, etc., at dormant or delayed dormant stage. Price: 50-gal. steel drum, 38c, plus \$5.00 charge for drum returnable for credit within 60 days. If packed in wooden barrels no charge will be made for container but price will be 2½c per gallon over the metal drum price.

DINITRO DRY. A spray material for dormant use only in combination with oil sprays—especially recommended where it is desirable to control aphid eggs and bud moth in the dormant stage. Use 1¼ to 2 lbs. per 100 gallons water plus 2 to 3 gallons spray oil. Price: 6-lb. fibre carton, \$3.90.

Dusters — Insecticides and Fungicides

Niagara Brand

ATTENTION HOME GARDENERS. The materials listed below are especially packaged and prepared for your use in vegetable gardens and flower gardens.

FUNGICIDES. Sulphur Sprays and Dusts for use on apples, peaches and wherever sulphur or sulphur and arsenicals are indicated to prevent disease or control chewing insects.

KOLOFOG. A highly effective fused bentonite-sulphur spray for use on apples and peaches replacing lime-sulphur solution following dormant or delayed dormant use. Because of its great adhesiveness, it makes an excellent carrier for arsenate of lead. It is non-caustic and is especially recommended for the pre-blossom, calyx and first cover sprays. In the latter sprays where the excellent sticking qualities of Kolofog may be objectionable, we recommend the use of Kolo spray. Price: 48-lb. carton (8 6-lb. bags), \$4.75; 6-lb. bag, 75c.

KOLOSPRAY. A wettable sulphur of micron fineness fortified with fused bentonite-sulphur to improve covering qualities and safety of the wettable type of sulphur. One of the best so-called wettable sulphurs on the market. Price: 50-lb. bag, \$3.75; 100 lbs., \$7.00. Packed also 10 5-lb. bags per carton, per 100 lbs., \$8.00; per 10-lb. carton, \$4.25; per 5-lb. bag, 60c.

NIAGARA KOLODUST. The New Exclusive NIAGARA Dust that "sticks through rain and wind." This is a fungicide only, used in the control of diseases on fruit and flowering plants. Per 100-lb. bag, \$5.50.

NIAGARA KOLOTEX. The New Exclusive NIAGARA Sulphur and Poison Dust that "sticks through rain and wind." This is a fungicide and stomach poison combined, used for the control of codling moth, strawberry weevil and diseases on apples, pears, etc. Per 100-lb. bag, \$7.00.

NIAGARA KOLOKIL. The New Exclusive NIAGARA Sulphur and Poison Dust containing large percentage of Arsenate of Lead. This material is used wherever extra heavy ravages of chewing insects prevail; also in controlling such diseases as may be present. Per 100-lb. bag, \$7.55.

KOLOKIL SPECIAL. The new exclusive Niagara Sulphur and Poison Dust containing extra large percentage of arsenate of lead. This material is recommended where codling moth and gypsy moth are especially troublesome in apple orchards. Per 100-lb. bag, \$8.65.

Niagara Dusters

FOUR NIAGARA PLUNGER TYPE HAND DUSTERS

"Pint" Duster. Mailing weight 2 lbs. \$1.00.

"Pint" Extension Duster. Mailing weight 2 lbs. \$1.15.

"One Quart" Duster. Mailing weight 3 lbs. \$1.65.

"Two Quart" Duster. Mailing weight 4 lbs. \$3.00.

Niagara No. 5205 Cylindro Duster. Crank type. A new duster which has proven very satisfactory. \$19.00.

No. 5206. Same, with Y attachment. \$21.00.

Circulars will be gladly sent on request.

See us for details and prices on Niagara Orchard and Crop Power Dusters.

Savage Duster

(Not shown)

Sprays Everything in Powder Form

Easy to carry and operate. Discharge tube may be raised or lowered for low or high plants or trees. Built of the finest material and workmanship and made to stand long, hard service. Price, \$23.30.



NIAGARA-STIK. A new "Hormone Anti-Drop Spray." Use ¼ lb. of Niagara-Stik to 100 gallons of water. The powder wets easily and may be used in any type of water. ¼-lb. can, \$1.50; 6-lb. case (24 ¼-lb. cans), \$28.80.

NIAGARA STIK DUST. Used for same purpose as Niagara-Stik spray, to prevent drop of ripening fruit. Packed in 50-lb. bags, prices on request.

ATTENTION HOME GARDENERS.

The materials listed below are especially packaged and prepared for your use in vegetable gardens and flower gardens.



Pomo-Green

The Leaf Green ALL-IN-ONE
Dust or Spray

"The best all-purpose dust or spray for roses and other flowering plants and shrubs. Highly effective in the control of black spot and mildew as well as chewing and sucking insects. This fine powder is dyed green so as not to discolor the foliage when used as a dust or when mixed with water and used as a spray. Highest rating in effectiveness against black spot and mildew in test conducted by the American Rose Society."

PRICE:

| | |
|--|--------|
| 1-lb. can Pomo-Green with nicotine | \$0.80 |
| 5-lb. can Pomo-Green with nicotine | 3.30 |
| 25-lb. drum | 13.00 |
| 100-lb. drum | 41.00 |



Niagara Flower Garden Dust or Spray

An exceptionally economical insecticide and fungicide combined containing sulphur and lead arsenate in just the right proportion to kill all of the leaf and blooming insects and bugs. 1-lb. canister, 40c; 4-lb. bag, 95c.

Niagara Vegetable Garden Dust or Spray

A general purpose all-around material that can be dusted on the plants or mixed with water and sprayed. Just exactly the correct combination of Bordeaux and calcium arsenate to do the job. 1-lb. canister, 40c; 4-lb. bag, 85c.

Niagara Rotenone

(Non-poisonous.) Dust or spray. The safest bug-killing dust or spray. A combination of rotenone and pyrethrum with a smooth, fast dissolving carrier. 1-lb. canister, 40c; 4-lb. bag, 95c.

Niagara Bean Beetle Destroyer

Dust or spray. This material contains sufficient magnesium arsenate to "knock them dead" without burning the foliage. 1-lb. canister, 35c; 4-lb. bag, 75c.

Sulfur (Niagara's Kolo-Sulfur)

A very finely divided wettable sulfur. Can be used as a dust or spray for any purpose that a finely divided sulphur of micron fineness can be used. Per 4-lb bag, 70c; per case (12 4-lb. bags), \$6.75.

Neu-Rote (Niagara's)

A rotenone-pyrethrum bearing liquid spray. Harmless to humans and animals—kills chewing and sucking insects such as aphids, leaf hopper, beetles, worms, etc.; safe to use on tender foliage. We recommend this to you as one of the most effective insecticides for use on all plants. Users say: "It kills everything but the plant." 1-oz. bottle 35c; 5-oz. bottle, \$1.00; 12-oz. bottle, \$2.00; 32-oz. bottle, \$4.80; 1-gal can, \$10.95; 5-gal. drum, \$47.00.

Farm and Garden Tools

Due to War Production Board restrictions, there are a great many Garden Tool items we will be unable to furnish. We are listing a few Tools which we hope to be able to supply.

Steel Garden Rake



LEVEL HEAD

| | |
|--|--------|
| 14 Straight Teeth — Long Ferrules | Each |
| No. 14L. True Temper, 5½-ft. handle | \$1.35 |
| No. 14LF. True Temper Fire Hardened, 5½-ft. handle | 1.00 |
| No. X14. True Temper Heavy Road Rake | 2.00 |

Hay Fork



Regular 3-Tine; Tubular Ferrules; Bent Handle; 12-inch Oval Tines

| | |
|--------------------------|--------|
| No. 033½B. 3½-ft. handle | Each |
| No. 034B. 4-ft. handle | \$1.60 |
| No. 034½B. 4½-ft. handle | 1.60 |
| No. 035B. 5-ft. handle | 1.70 |
| | 1.80 |

Manure Fork



Five-Tine; Tubular Ferrules — 13-inch Tines

| | |
|---|--------|
| No. 054. True Temper, long handle, 4-ft. | Each |
| No. 05D. True Temper, 32-inch bent D handle | \$2.10 |
| No. 05DF. True Temper, fire hardened, 32-inch bent D handle | 2.25 |
| | 1.90 |

Ensilage or Barn Fork



16-inch Oval Tines — 20-inch Bent D Handles

| | |
|-------------------------------|--------|
| No. 508. True Temper, 8-tine | Each |
| No. 510. True Temper, 10-tine | \$3.45 |
| | 3.70 |

Stone or Ballast Forks

30-inch Bent D Handles — 10-inch Tubular Ferrules

| | |
|-------------------------------|--------|
| No. 98S. 8-tine True Temper | Each |
| No. 100S. 10-tine True Temper | \$3.50 |
| No. 102S. 12-tine True Temper | 4.00 |
| | 4.70 |

Speedy Cultivator

Four Teeth — 4-1/3 ft. Handle

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|----------------------|--------|
| No. SC4. True Temper | Each |
| | \$1.20 |

Grass Scythes

Mailing weight, 3 lbs.

| | |
|--------------|--------|
| True Temper | Each |
| Little Giant | \$2.00 |
| Swedonian | 2.09 |
| | 1.65 |

Bush Scythes

| | |
|-------------|--------|
| True Temper | Each |
| | \$2.25 |

Scythe Snaths

| | |
|----------------------|--------|
| No. 50. Ash Grass | \$1.95 |
| No. 105. Bush Snaths | 2.25 |

True Temper Coke Forks

| | |
|---|--------|
| No. 710. 10 tines, 1¼ in. between tines | \$4.00 |
| No. 712. 12 tines, 1¼ in. between tines | 4.70 |

True Temper Invincible Cultivators

| | |
|--------------------------------|--------|
| No. IGC5. 5-prong, long handle | Each |
| | \$1.50 |

Cattle Cards

| | |
|-------------------------------------|--------|
| No. 444. Small special fiber. 5¼x3½ | Each |
| Postage extra, 5c each. | \$0.30 |

Four-Tine Spading Fork



11-inch Tines; Approximate Width 7½ inches; 30-inch I. D. Handle

| | |
|--------------------------------------|--------|
| No. OLD. True Temper | Each |
| No. OLDF. True Temper, fire hardened | \$1.60 |
| | 1.35 |

Meadow Hoe



Long Socket Pattern; Blade 8 inches Wide, 4 inches Deep;

| | |
|-----------------------|--------|
| 5-foot Handle | |
| No. SM08. True Temper | Each |
| | \$1.25 |

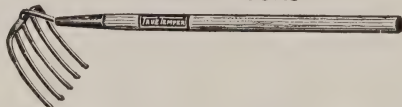
Square Top Hoe



Socket Pattern, Blade 7 inches Wide; 4-1/3 ft. Handle

| | |
|--------------------------------------|--------|
| No. N07F. True Temper, fire hardened | Each |
| | \$1.10 |

Potato Hooks



Long Ferrules — 4-1/3 ft. Handle; 7-inch Tines; Goose Neck Pattern

| | |
|-------------------------------|--------|
| No. 5GNR. 5-tine, True Temper | Each |
| | \$1.70 |

Mortar Hoes

Shank Pattern, 5½-ft. Handle

| | |
|---|--------|
| No. 9. 9-inch, True Temper | Each |
| No. 10. 10-inch, True Temper | \$2.00 |
| No. 210. 10-inch, True Temper, with two holes | 2.10 |
| | 2.10 |

Scuffle Hoe

4 inches Deep; 8½ inches Wide; 5-ft Handle

| | |
|-----------------------|--------|
| No. RS84. True Temper | Each |
| | \$1.85 |

Wooden Rakes

| | |
|-----------------------------|--------|
| No. 05. Hay Rake, 14 teeth | Each |
| No. 39. Lawn Rake, 28 teeth | \$0.95 |
| Drag Rake | 1.25 |
| | 2.50 |

Grass Shears

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|---|--------|
| No. 117. Seymour Smith. Mailing weight 2 lbs. | Each |
| | \$1.00 |

All-Steel Garden Trowel

| | |
|--------------------------------|--------|
| Pioneer. Mailing weight 2 lbs. | Each |
| | \$0.30 |

Hedge Shears

| | |
|---|--------|
| No. 154N. 8-in. "Lightning Clipper" Shears. Notched and serrated; bolted handle | Each |
| No. 34N. 9-in. Shears. Notched | \$3.25 |
| No. 26N. 6-in. "Multi-Power" Shears. Notched only | 2.65 |
| No. 4N. 8-in. "Essex" Shears. Notched blades | 1.75 |
| No. 4. 6-in. Ladies' Pattern Shears | 1.35 |
| | .98 |

Cheap Trowel

| | |
|--------------------------------------|--------|
| No. 800. 6 in. Mailing weight 2 lbs. | Each |
| | \$0.10 |

Grass Hooks

| | |
|-----------------------|--------|
| No. 1½. Champion | Each |
| No. 1. Hand made | \$0.60 |
| Nolin's | .50 |
| Mailing weight 2 lbs. | .85 |

Cant Dogs

ROUND BILL

| | |
|-------------|--------|
| 3 ft. x 2¾ | Each |
| 3½ ft. x 2¾ | \$3.25 |
| 4 ft. x 2¾ | 3.35 |
| | 3.50 |

MICHIGAN PATTERN

| | |
|-------------|--------|
| 3½ ft. x 2¾ | Each |
| 4 ft. x 2¾ | \$3.85 |
| | 4.15 |

Farm and Garden Tools

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the War Production Board at time of delivery.

No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$12.95



Planet Jr. Double Wheel Hoes are almost universally used by professional vegetable growers. They will straddle the crop, hoeing both sides of the row at once and until the plants are 20 inches high. The No. 12 includes all the equipment usually required for gardening—a pair of hoes for shallow cultivating and weeding, four steel cultivator teeth for general cultivation and a pair of plows for hilling, furrowing, etc. A long bolt and ferule are furnished for changing to a single wheel hoe for later cultivation.

No. 16 Planet Jr. Single Wheel Hoe

Price, \$10.25



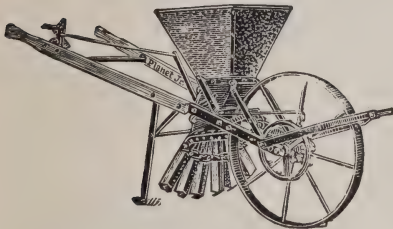
Planet Jr. Single Wheel Hoes are light, easily handled and do beautiful work. They are all steel except the handles—practically indestructible. Handles are adjustable for any height. No. 16 includes all equipment usually required in a garden—hoes for weeding and shallow cultivation—three steel cultivator teeth for general cultivation—a plow for furrowing, ridging, etc.—one 3-tooth and one 5-tooth rake for fine cultivation, raking, etc.

No. 17 Planet Jr. Single Wheel Hoe—\$8.95

This is exactly the same machine as the No. 16 except that it does not have the leaf guards or the rakes. It is the most popular single wheel cultivator for home garden use.

No. 220 Planet Jr. Fertilizer Distributor

Price, \$31.50



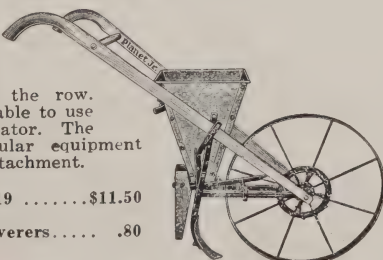
Capacity 1 bushel. Will distribute from 200 to 2000 pounds of commercial fertilizer to the acre. Six adjustable spouts spread it from 4 to 30 inches. Equipment includes plates for closing up four spouts or two or three spouts on either left or right side. Hopper placed side. Hopper placed well forward over wheel making light load and easier pushing. Feed can be opened and closed without stopping. Positive agitation.

No. 219 Fertilizer Drill

Used for side-dressing. Distributes accurately regulated quantities of any dry commercial fertilizer in furrows alongside the row. Hopper quickly removable to use machine as a cultivator. The covers are not regular equipment but are a desirable attachment.

Price: Planet Jr. 219\$11.50

No. 8558X Covers80



No. 300A Planet Jr. Seeder

Price, \$22.75

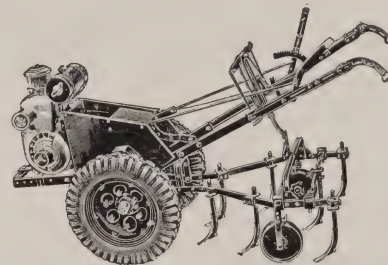


The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder, having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil.

No. 300 Planet Jr. Seeder—\$22.75

No. 300 Seeder, same as No. 300A but with flat roller wheel 11 inches in diameter for use on muck soil and sandy soil.

HT Planet Jr. Walking Tractor



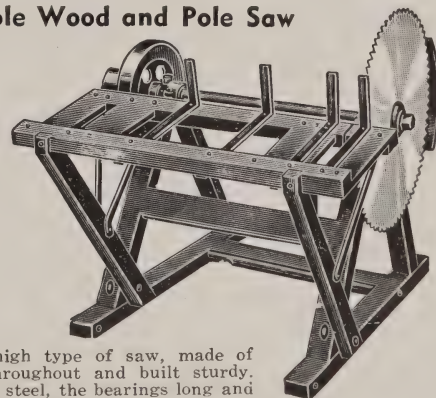
The Planet Jr. Tractor pays for itself in many ways. Primarily it either takes the place of several men or one horse, and it doesn't have to be fed and cared for when it is not working.

For the general farmer, or the market gardener—the part time gardener or the large home gardener—the nurseryman or the florist. The Planet Jr. Tractor with its varied equipment is designed for all of them, and with it goes the great advantage of Planet Jr.'s long experience in building the best planting and tillage tools.

Plowing, harrowing, cultivating, fertilizing, mowing, hauling, sowing, and many other light power jobs are the things which Planet Jr. will do. Cultivating is the most important because it is an all-season job. Planet Jr. equipment includes every type of cultivator whether for narrow or wide rows, small or large crops or one or more rows at a time. Most soil conditions and crop requirements can be met with Planet Jr. equipment and with our patented tool control, fast, thorough cultivation is not only possible but surprisingly easy. Prices and complete information on request.

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Tilting Table Wood and Pole Saw



An excellent high type of saw, made of good material throughout and built sturdy. The arbors are of steel, the bearings long and well babbitted. The balance wheels are heavy and well balanced. This machine is finished in an attractive manner, with tilting table pivoted so that it balances perfectly. A great favorite with the sawyer. Weight 275 lbs.

BUCH'S No. 5 Tilting Table Wood Saw Frame with 65-lb. Balance Wheel, Less Saw\$26.50

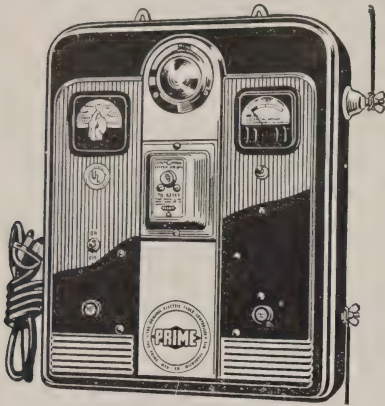
WOOD SAWS, 1 1/2-INCH ARBOR

| | | | |
|---------------|--------|---------------|--------|
| 20 inch | \$3.95 | 26 inch | \$5.65 |
| 22 inch | 4.50 | 28 inch | 6.35 |
| 24 inch | 5.25 | 30 inch | 7.25 |

Farm and Garden Implements

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the War Production Board at time of delivery.

Prime Electric Fence Controllers



Model No. 480-A Grand Champion. Highline model. Approved by Underwriters' Laboratories. Safe, effective, dependable. Put alternating current on fence. No radio tubes. **Price, \$42.50.**

Model No. 333 Standard. Battery model. Portable, weatherproof, convenient. Room for "hot-shot" battery in cabinet. **Price, \$17.50.**

Model No. 680-A Grand Champion. Battery model. Only battery controller to use famous "Twin Shocks." **Price, \$42.50.**

Model No. 880-A Outdoor AC. Highline model. Identical with 480-A in operation. Designed for permanent outdoor installation. Weatherproof cabinet, conduit fittings, etc. **Price, \$54.50 and up.**

Model No. 720-A Field King. Identical with No. 680-A in operation. Entire controller encased in weatherproof steel cabinet—plenty of room for "hot-shot" or storage battery. **Price, \$49.50.**

Also complete line of line posts and corner post insulators, gate handles, gate springs, tie wires, spring clips, and all other fence accessories.

Bale Ties



We carry the 9-foot No. 15 cross head ties in stock. We find this to be the most popular size, as it makes the most convenient bale of hay.

Per bundle of 250 wires, \$3.50. 5 bundles, \$3.25 per bundle.

Eddy Stone Boats

THE HANDIEST IMPLEMENT ON THE FARM

A Good Stone Boat

The front is of high grade tank quality carbon steel, 29 inches or 34 inches wide, firmly bolted and braced to the raves and bottom boards, which are of bone dry hardwood. The raves are painted red and varnished; the bottom boards are oiled with the best quality linseed oil.

29-inch Boat. Length 6 feet, 1 inch. Weight 138 lbs. \$19.50
34-inch Boat. Length 7 feet, 1 inch. Weight 178 lbs. 21.95

Steel Fronts

29-inch with bolts. Weight 27 lbs. 6.95
34-inch with bolts. Weight 32 lbs. 7.25
40-inch with bolts. Weight 37 lbs. 7.95

Buch Stone Boats

32-inch Pressed Steel Boat Head \$ 6.95
38-inch Pressed Steel Boat Head 7.95
32-inch Single Boat complete 18.75
38-inch Single Boat complete 25.00

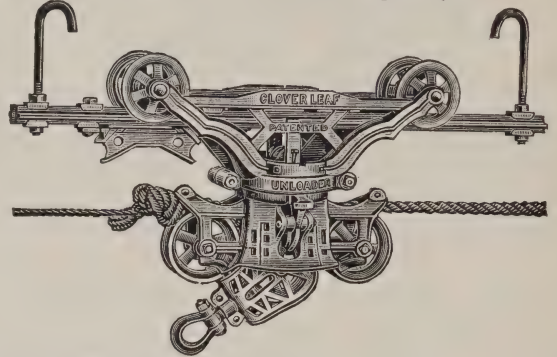
Axes

World's Finest True Temper. 3 lbs., 3½ lbs. Unhandled ... \$2.00
World's Finest True Temper. 3 lbs., 3½ lbs., with No. 1 Hickory Handle 2.50
"Our Best" Snow & Nealley Co. 3 lbs., 3½ lbs., with No. 1 Hickory Handle 2.50
"Our Best" Snow & Nealley Co. Double Bit. 3 lbs., 3½ lbs., with No. 1 Hickory Handle 3.00

Horse Hay Fork Fixtures

No Barn is Complete Without One of These Reversible Steel Track Hay Carriers.

These carriers for rod, wood or steel track are the most durable and easiest rigs to operate of any on the market. Anyone with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of your barn and style of ridge pole, we will name you price for complete job.



| | |
|---|----------|
| Double Steel Track. Per ft. | \$ 0.27½ |
| No. 302. Hanger Hook. Each | .21 |
| No. 266. Pulley Hook ¾ inch. Each | .20 |
| No. 118. Hay Unloader. Each | 13.25 |
| No. 1120. Knot Passing Pulley. Each | 1.05 |
| No. 268. Two-Tine Harpoon Fork. 25-in. Each .. | 3.50 |
| No. 1314. Two-Tine Harpoon Fork. 31-in. Each .. | 4.50 |
| No. 3004. Four-Tine Grapple Fork | 12.75 |
| No. 3005. Six-Tine Grapple Fork | 14.45 |
| No. 301. Rafter Bracket. Each | .06 |
| No. 303. Jointed Hanger Hooks. Each | .29 |

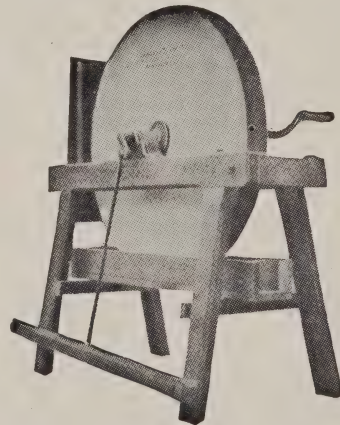
Hecla Wood Frame Mounted Grindstone

| | |
|----------------|---------|
| 24x2 in. | \$21.50 |
| 24x3 in. | 26.25 |
| 26x2½ in. | 26.50 |
| 26x3 in. | 28.50 |

Wilcox Mounted Grindstone

| | |
|-----------------|---------|
| No. 410-1 | \$10.95 |
| No. 410-2 | 11.75 |
| No. 410-3 | 12.95 |

No. 400 Victor Tubular Steel Frame Grindstone with foot treadle and seat 11.75



Shaffer Hand Power Units



Midget "Come-Along." Tested to 2000 pounds. For light duty. Equipped with 4 feet of ¼-in. BBB high test chain. Length of travel 37 in. **Price, \$6.50.**

Standard "Come-Along." Tested to 6000 pounds. Equipped with 5 ft. of ¾-in. BBB high test chain. Length of travel 47 in. **Price, \$9.50.**

Send for circular giving further details.

Heavy Duty "Come-Along." Tested to 8000 pounds. Equipped with 6 ft. of 7/16-in. BBB high test chain. Length of travel 60 in. **Price, \$12.50.**

Garden and Lawn Supplies

Sure...Fast... PEST CONTROL



PUMP-A-SPRAYER

PUMP-A-SPRAYER uses are manifold: the application of insecticides and fungicides in the garden, watering newly planted seed flats, freshening cut flowers, applying spidercides in inaccessible places in garages or buildings.

DOUBLE DUTY SPRAY NOZZLE.

PUMP-A-SPRAYER. Capacity 1 quart. Price, \$2.65 each.



Soil-Soaker

Like all night rain, it really soaks the soil. Water seeps through entire length gently — no spray — puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to water hose, other end closed.

| | |
|---|--------|
| No. 0. Length 12 feet. Mailing weight 2 lbs. | \$1.40 |
| No. 1. Length 18 feet. Mailing weight 3 lbs. | 1.90 |
| No. 2. Length 30 feet. Mailing weight 4 lbs. | 2.90 |
| No. 3. Length 50 feet. Mailing weight 5 lbs. | 4.75 |

Due to Government Restrictions forbidding the manufacture of Lawn Mowers and Lawn Rollers, it is impossible for us to offer these items.

ALLEN "CADET" PLASTIC ADJUSTABLE HOSE NOZZLE

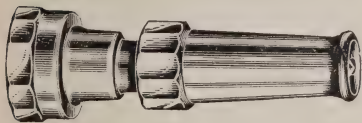


Fig. 7041. A green plastic nozzle. Instant adjustments for sprays, streams and shut-off. 45c each. Postpaid, 55c each.

ALLEN "MIST-IC" FAN- SHAPED FLAT SPRAY



Fig. 7037. Throws a flat fanshaped spray. The ideal spray for flowers and lawns. This "Mist-ic" plastic spray is red in color. The slotted nozzle throws a perfect spray. 50c each. Postpaid, 60c each.

PLASTIC HOSE COUPLINGS

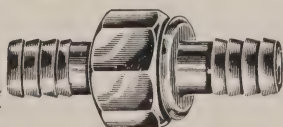


Fig. 7043. Green plastic. Made in three sizes: 1/2 inch; 5/8 inch; 3/4 inch. Specify size wanted. 35c each. Add for postage.

GARDEN WHEELBARROW



6-SPOKE WOOD WHEEL
These Wheelbarrows are made especially for us, are well constructed throughout, of hardwood, and strongly ironed. Finished with two coats of paint and one coat of varnish. This, No. 64, is the best garden barrow on the market.

No. 64. Barrow (as shown). Painted green. Price, \$7.95.

No. 2. Garden Barrow. Medium farm size. A little larger than the No. 64. Six spoke wood wheel. Price, \$8.50.

No. 6B. Garden Barrow. A cheaper but good all-around Barrow. Painted red with steel wheel. Price, \$5.75.



KREME-SKIN GLOVES

Made from soft and select hides. Semi-styled in design and used for both work and play—gardening, household, driving, etc. Give full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladies' sizes only (small, medium, large). Price, \$1.00 per pair; \$1.10 per pair, postpaid.

GARDEN HOSE

Goodrich War Garden Hose. 5/8 in. diameter, 50-ft. length, \$4.95. Garden Hose Washers, 10c per doz.

Hose Clamps. Specify size, 3/8 in., 1/2 in., 5/8 in. or 3/4 in., 5c each.

"GARDEN CLUB" PLASTIC ADJUSTABLE HOSE NOZZLE

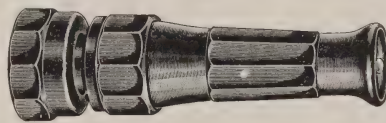


Fig. No. 7038. Allen's adjustable "Garden Club" modernly designed and made of burgundy-red plastic. It is a satisfactory war time substitute for the standard brass nozzle. Price, 75c each; postpaid, 85c each.

PLASTIC CLINCHER HOSE MENDER



Fig. No. 7046. Green Plastic. Made in three sizes, 1/2 in., 5/8 in., 3/4 in. Specify size wanted. Price, 12c each. Add for postage.

PLASTIC CLINCHER HOSE COUPLINGS



Fig. No. 7044. Green Plastic. Made in three sizes, 1/2 in., 5/8 in., 3/4 in. Specify size wanted. Price, 35c each. Add for postage.

Farm Equipment and Dairy Supplies

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the War Production Board at time of delivery.

McCormick-Deering Farm Equipment

Tractors, Harrows, Plows, Mowers, Hay loaders, Side Delivery Rakes, Tedders, Hay Rakes and other horse- and tractor-drawn equipment for your farm. See us for your equipment requirements.

Prices on request.

Clark "Cutaway" Wonder Disker

A remarkably efficient implement for subduing brush land, bog land, cleared woodland, drained swamps, etc. Ideal for thorough and economical orchard cultivation, including sod breaking and disking-in cover crops. Price: 8 24-inch disks, 6-ft. cut, adjustable tractor hitch reversing irons, weight carriers, \$134.25. 5% discount for cash.

Also other models of "Clark" horse- and tractor-drawn disc harrows, including the flexible and reversible harrows.

Prices on request.

"King of the Cornfield"

Corn, Pea Planter, and Fertilizer Distributor.

Does perfect work, not only in planting corn in hills or drills, but does equally as good work planting peas, beans and all similar seeds, putting in the fertilizer as well. Price, \$51.50. 5% discount for cash.

Harder Silos

For many years Ross Bros. Co. has represented Harder Silo Co. in Worcester County. We solicit your silo inquiries.

Mid-West Pull Milk Bottle Caps—Stock Designs



Design No. 1405

Design No. 2507

Design No. 1433

Design No. 1395. Milk Pasteurized. (Not shown.)

Design No. 1859. Goat Milk. (Not shown.)

Design No. 2575. Chocolate Milk Beverage. (Not shown.)

All above caps are 40-point board, packed in tubes of 500. Mailing weight per 1000, 5 lbs. Price per 1000, 80c; 5000, 73c per 1000; 10,000, 67c per 1000.

See us for your Special printed bottle and can caps.

BK WASHING POWDER. 100-lb. drum, \$7.70; 300-lb. drum, \$7.15 per 100 lbs.

BK GENERAL CLEANSER. 100-lb. drum, \$7.70; 300 lb. drum, \$7.15 per 100 lbs.

BK BOTTLE KOMPOUND. 100-lb. drum, \$6.20; 300-lb. drum, \$5.35 per 100 lbs.

BK POWDER AND BK LIQUID for dairy and poultry. 1-qt. bottle liquid, 90c; 1-gal. bottle liquid, \$2.00; 5-gal. bottle liquid, \$8.50. 1 3/4-lb. bottle powder, \$1.50; postpaid, \$1.60. 9 1/3-oz. bottle powder, 75c; postpaid, 85c.

No. 36. TAN COW HALTER. 1 1/4-inch, riveted. Weight 2 lbs. \$1.75

PERCHERON TAN HORSE HALTER. 1 1/4-inch, sewed and riveted. Weight 4 lbs. 3.50

No. 8. SOLID BACK, ENAMELED CURRY COMB30

No. 7. CURRY COMB. Three rows of crimped oval steel cleaners25

No. 125. 4 Coils, reversible spring steel, black handle30

Add postage, 5c each.

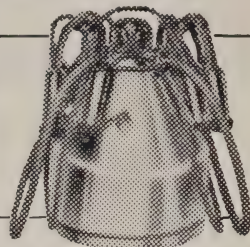
Universal Milk Bottles

| | Doz. | Gross |
|--------------------|--------|--------|
| 1 quart | \$0.90 | Ask |
| 1 pint | .70 | for |
| 1/2 pint | .60 | Prices |

Prices on plain and colored lettered ware quoted on request.



You Get ALL These Features in McCORMICK - DEERING MILKERS



1. Easy to handle.
2. Natural milker action.
3. Same kind of milking every milking.
4. Compact, easy-running, self-lubricating piston type vacuum pump with counterbalanced drive shaft.
5. Automatic vacuum regulator gives right amount of vacuum no matter how many cows are being milked at a time.
6. Milking action uniform regardless of weather conditions.
7. Easy-to-clean, 2-piece teat cup assembly—flexible rubber inflation, strong metal shell for fast, easy milking.
8. Even distribution of weight in teat cup cluster assures even flow of milk.
9. One-piece, stainless steel or aluminum pails.

LET US QUOTE YOU ON COMPLETE INSTALLATION

Starline Stanchions

| | Each |
|---|--------|
| No. 260W. Wood-lined with triple lock and guide | \$5.55 |
| No. 208W. Wood-lined with single lock and guide | 3.35 |
| No. 208. All steel with single lock and guide | 2.95 |

(Stanchion fastenings extra.)

Starline Barn Door Equipment

CANNON BALL. Self-cleaning, bird-proof track with self-oiling hangers. Stay rollers, pulls and latches. Prices on request.

Starline Litter Carriers

The No. 411 Starline Streamline Litter Carrier with enclosed steel cut gears—higher lift—easier running.

| | |
|--|---------|
| No. 6. Capacity, 10-bushel tub | \$60.00 |
| No. 8. Capacity, 12-bushel tub | 64.50 |

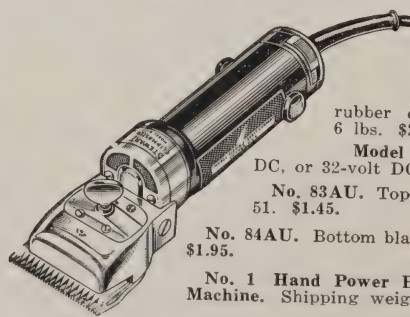
Starline Water Bowls

No. 240. Adjustable flow control—easiest bowl to clean. Price: each, \$4.10.

No. 77. Starline Water Bowl. A quality bowl at an attractive price. Price: each, \$3.35.

Dairy pails, milk strainers, cotton strainer discs, bottle carriers, bottle crates, milk cans, bottle brushes and other dairy supplies and remedies.

Stewart Electric Clipmaster



Model 51 Electric Clipmaster. Quiet, powerful, ball bearing motor special heavy-duty rubber cord. Shipping wt., 6 lbs. \$21.95.

Model 51, for 220-volt AC-DC, or 32-volt DC. \$23.95.

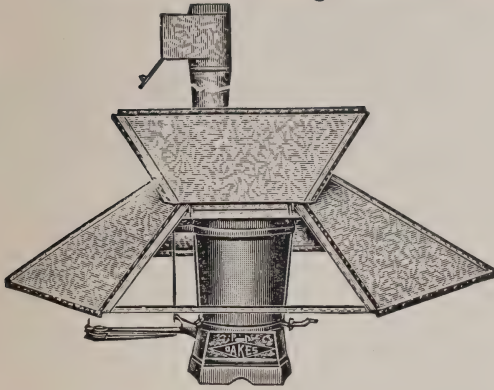
No. 83AU. Top blade for new model 51. \$1.45.

No. 84AU. Bottom blade for new model 51. \$1.95.

No. 1 Hand Power Ball-bearing Clipping Machine. Shipping weight, 30 lbs. \$14.95.

Poultry Supplies

Oakes Coal Burning Brooder

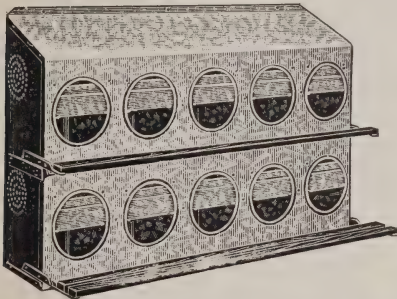


Red Oakes Brooders are noted for fuel economy, performance and long life. We recommend Oakes Brooders. Regardless of first cost, this stove will be most inexpensive over a period of years.

| Model | Canopy | Chick Capacity | Coal Capacity | Weight | Price |
|----------|--------|----------------|---------------|----------|---------|
| No. X54 | 54 in. | 750 | 40 lbs. | 113 lbs. | \$20.80 |
| No. X62 | 62 in. | 1000 | 52 lbs. | 135 lbs. | 23.80 |
| No. X162 | 62 in. | 1200 | 72 lbs. | 165 lbs. | 28.10 |

Included is a line of Oakes Chick feeders, broiler feeders, flock feeders, Mason jar fountains, chick fountains of all sizes from 1 gallon to 8 gallons. We also have "Oakes" oil, wood and electric brooders, egg scales, roof saddles, nests, and small electric incubators and brooders.

Oakes Pressed Wood Nests



Sanitary, durable, comfortable. Each nest 11½ inches wide, 13 inches deep, 13½ inches high. Round entrance hole is 9 inches in diameter. Provide one nest for each 50 hens. For 100 hens you need two No. 580M Nests. Easy to assemble with bolts, nuts and metal bracing clips furnished.

No. 580M—10-Hole Nest\$8.60
Shipping weight, 43 lbs. Traps extra.

No. 590—Set of 5 Trap Doors. 2 Sets needed for Nest.
Set of five\$1.60

No. 1265, Oakes Brooder Thermometer\$0.40
No. 264, Oakes Incubator Thermometer 1.10

Add 5c for postage

Celluloid Bands

Assorted Colors

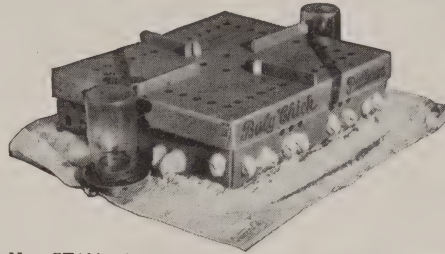
| | Doz. | 100 | 1000 |
|--------------------------------------|--------|--------|--------|
| No. 4. Baby Chick | \$0.10 | \$0.35 | \$2.40 |
| No. 5. Pigeon | .10 | .35 | 2.50 |
| No. 6. Growing Chicks | .15 | .40 | 3.00 |
| No. 7. Bantams | .15 | .45 | 3.50 |
| No. 9. Leghorns | .15 | .50 | 4.00 |
| No. 10. Wyandottes | .15 | .50 | 4.25 |
| No. 11. Rocks, Reds | .15 | .60 | 5.00 |
| No. 12. Jersey Giants, Brahmas | .15 | .75 | 5.50 |
| No. 13. Large Cocks, Turkeys | .15 | .75 | 6.00 |

Postpaid.

Ful-O-Pep Poultry Feeds

Ful-O-Pep Poultry Feeds are manufactured by the Quaker Oats Co., whose many years' milling experience insures production of superior poultry feeds. See us for your Ful-O-Pep Poultry Feeds. Sold always at market prices.

Anderson Stickless Pullman Boxes



No sticks, no nails, no glue, better ventilation. This stickless Feed-O-Box does the same work as a regular chick box and in addition it acts as a starting brooder for the chicks on arrival.

No. ST100. (100-chick size.) 22x18x5½ in., weight 215 lbs. per 100 boxes. Packed 30 in bundle. 120 boxes or over, 21¼c each. Bundle lots, 23c each. U-staples extra, \$1.50 per 1000, 20c per 100. By express or freight only.

3x4 Chip Egg Boxes—Handy for Retail Trade

| | Weight | Price |
|---------------------|---------|--------|
| Dozen | 2 lbs. | \$0.15 |
| Bundle of 125 | 12 lbs. | 1.15 |

Ask for prices in larger quantities.

Graylawn Farm Louse-Chase

Kills every louse at trifling cost. 5-oz. can., 40c; 12-oz. can, 65c; 22-oz. can, \$1.00.

Gold Leaf Tobacco Powder for Poultry Worms

The failure of young birds to develop properly and an unhealthy condition of the older birds, is often caused by the presence in their intestines of poultry round worms.

2-lb. pkg. Mixes with 100 lbs. of mash\$0.25
10-lb. pkg. Mixes with 500 lbs. of mash85

Water Glass

This preparation is used by many in preference to the dry powder. The preservative will preserve eggs perfectly.

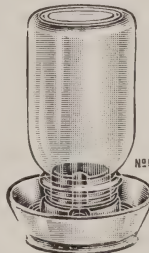
Price: 1 pt. (weight 3 lbs.), 18c; 1 qt. (weight 4 lbs.), 30c; 1 gal. (weight 14 lbs.), 95c.



Husky Day Old Chicks

Guaranteed safe arrival when shipped direct from the hatchery.

We are sure that if you order your chicks from us you will be well satisfied.



No. 64, Oakes Mason Jar Fount. Sani-Flow all glass pan fits into neck of any size Mason jar. Operates on vacuum principle. No clips, easy to clean Mailing weight, per doz., 15 lbs. 12c each; doz.\$1.30

No. 1164, Oakes All-Glass Chick Fountain. Capacity about 1 gallon. Pan forms a substantial base for the inverted glass jar. Jar rests on ledge of glass pan. Operates on vacuum principle. Easy to fill jar.

Jar and Pan complete\$0.40
Per doz.4.80

Oakes Sturdy-Boy Wafer Thermostats

No. 416W. 3-inch double brass wafer for all coal brooders, many oil brooders and incubators. 30c each.

No. 16W. 3-inch double brass wafer for oil brooders, screw stud. 32c each.

Add 5c for postage.

Trumbull Poultry Water Warmer. Automatic; electric, keeps drinking water at 50 degrees even in sub-zero weather. Use in open pans and fountains. No danger of electric shock and no fire hazard. Price, \$4.00 each, postpaid.

Poultry Supplies, Roofing Paper, Fruit Jars

Pratt's Poultry Remedies

POULTRY REGULATOR. Tones up system, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it the year round for breeders, layers and growing stock. 2¾-lb. pkg., 50c; 12½-lb. pkg., \$1.75; 25-lb. pail, \$3.25.

POWDERED LICE KILLER. Is powerful, economical, non-poisonous and non-irritating. For use on poultry, in dustbaths, nests, on dogs, cats, horses, cattle, hogs, and sheep. In sifter top cans at 30c and 60c; 35c and 65c, postpaid.

CHICK TABLETS. Makes the drinking water safe, tones up the chicks and effectively treats most diarrhea troubles. Prices: 30c and 60c. Postpaid, 35c and 65c.

R-P TABLETS. (Formerly Pratt's Roup Tablets). For adult Fowls. Price: 25c and 50c. Postpaid, 30c and 55c.

DISINFECTANT. Cheap, powerful, non-poisonous disinfectant. Quart, weight 3 lbs., 60c; gallon, weight 11 lbs., \$1.60.

PRATT'S N-K TABLETS. For eradication of tape and round worms in poultry. Adult size, 50 tablets, 85c; 100 tablets, \$1.50; 500 tablets, \$5.50. Chick size, 50 tablets, 55c; 100 tablets, \$1.00.

Dr. Hess' Poultry Remedies

DR. HESS POULTRY PAN-A-MIN is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth, and in maintaining health. Small size, 25c; 3 lbs., 55c; 7 lbs., \$1.10; 15 lbs., \$2.10; 25 lbs., \$3.15.

POULTRY TABLETS (Roup). Price 25c, 50c and \$1.00. Postpaid, 30c, 55c and \$1.10.

CHICK TABLETS (Diarrhea). Price, 25c, 50c and \$1.00. Postpaid, 30c, 55c and \$1.10.

POWDER LOUSE KILLER. 1-lb. pkg., 30c; 2½-lb. pkg., 65c. Postpaid 35c and 75c.

DIP AND DISINFECTANT. 1 qt. size, 65c; 1 gal., \$1.75.

Conkey's Poultry Remedies

OLD RELIABLE POWDER (formerly Roup Remedy). A preventative and treatment for colds, roup, mycosis and coccidiosis. Easily given in the drinking water. Keep it on hand ALWAYS for use in emergency. Put in drinking water on cold, rainy days. We think this is easily the best poultry remedy on the market. Satisfaction guaranteed. 1-oz. pkg., 25c; 2½-oz. pkg., 50c; 7-oz. pkg., \$1.00; 1½-lb. pkg., \$2.35, all postpaid.

DIATABS (formerly White Diarrhea Remedy). ASTRINGENT—ANTISEPTIC with tonic effects. DISSOLVES almost instantly. Disinfects drinking water, yet stimulates constipation. An aid in preventing, and a treatment for so-called diarrhea. War-wanted to give complete satisfaction. **YOU TO BE THE SOLE JUDGE.** Very effective in aiding egg yolk absorption and prevention of pasting of vent. Satisfaction guaranteed. 25-tablet pkg., 25c; 125-tablet pkg., \$1.00, all postpaid.

WORM POWDER. (A combination of Nicotine and Kamala.) Contains elements universally accepted as treatment for all varieties of worms. **A FLOCK TREATMENT FOR INTES-TINAL PARASITES.** Ask us about it and its guarantee. 4-oz. pkg., 30c size, enough to mix with 25 lbs. mash; 1-lb. pkg., \$1.00 size, is sufficient for 100 lbs. of mash. Postpaid.

LICE POWDER. For all varieties of lice which live on poultry or livestock. Very effective in dust baths for poultry. Not necessary to handle birds. Very economical. Satisfaction guaranteed. 12-oz. size pkg., 25c; 6-lb. size, \$1.50. Postpaid.

POULTRY TONIC. An all-medicine (no filler) aid in egg production. Excellent during and after moulting. See directions. Satisfaction guaranteed. 1½-lb. pkg., 25c; 3¼-lb. pkg., 50c, postpaid.

PIC-END BITTERS. An acid in discouraging toe, wind, vent picking and cannibalism, antiseptic and healing. Very economical. Satisfaction guaranteed. 2¾-oz. jar, 25c, postpaid.

Fruit Jars

Atlas E-Z Seal and Ball Ideal (Glass Tops).

| Size | Doz. |
|------------|--------|
| 2 qt. | \$1.39 |
| 1 qt. | 1.00 |
| 1 pt. | .95 |

Also jelly glasses and fruit jar rubbers.

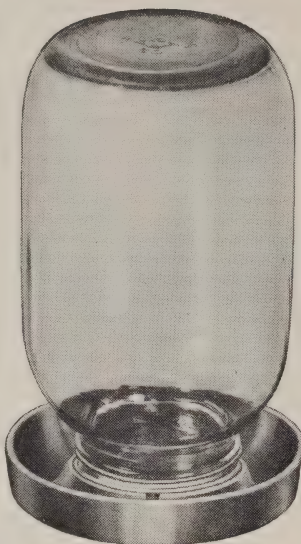
Clyde Pruners

The Clyde Drawcut Pruners produce a powerful sliding cut movement of the blade. The blade hook and shank are forged from tool steel.

| | |
|--|--------|
| No. 5409½. 24 in. Strapped ash handles | \$2.50 |
| No. 5403. 22 in. Drawcut, strapped ash handles | 4.00 |
| No. 5402. 24 in. Drawcut, strapped ash handles | 4.65 |

Orchard Pruners With Lever Handle

| | |
|-------------|--------|
| 8 ft. | \$2.30 |
| 10 ft. | 2.50 |
| 12 ft. | 2.75 |
| 14 ft. | 3.30 |



"Health Spring" Perma-Plastic Base 1 Gallon Chick Fount

Screw-on type base of Perma-Plastic is designed for easy chick drinking. This Perma-Plastic, screw-on base is of large size and capacity. No drip, no slopping, no overflowing. There's always the proper water level.

No. 401PB. Fount complete with Perma-Plastic base, 65c each.

Cel-O-Glass

CEL-O-GLASS is a glass substitute used by poultry raisers, also by growers for hotbeds. Has many other uses. A DuPont product. Comes in 25, 50 and 100-ft. rolls, in widths 28 in. and 36 in. We offer subject to our being able to obtain from the manufacturer. Price, 14c per sq. ft. in cut lengths; 13½c per sq. ft. in full rolls.

Warp's Window Materials

Increase your profits. Give better service Poultry house windows, porch enclosures and covering screen doors, hotbeds and greenhouses.

GENUINE FLEX-O-GLASS. The leading window material. Lets through more healthful ultra-violet rays than other substitutes. Holds in heat better than glass. 36 inches wide. 100-yd. roll, \$35.00; 50-yd. roll, \$17.50; 25-yd. roll, \$8.75; cut price, 35c per yd.

WARP'S WINDOW FABRIC. Ordinarily lasts one season. Lets through sun's ultra-violet rays. 36 inches wide. 100-yd. roll, \$27.00; 50-yd. roll, \$13.50; 25-yd. roll, \$6.75; cut price, 27c per yd.

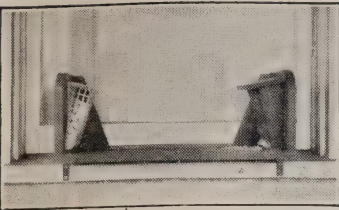
WARP'S GLASS-O-NET. Mesh Base Glass substitute. A plastic glass covered netting. Very transparent, high ultra-violet ray transmission. Can be washed with soap and water. 36 inches wide. 50-yd. roll, \$28.50; 25-yd. roll, \$14.25; 15-yd. roll, \$8.55. Cut price, 57c yd. Samples gladly sent upon request.

Certain-teed Roofing

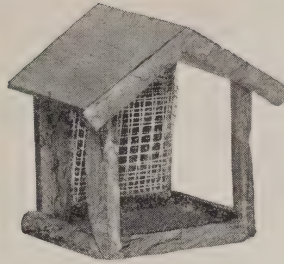


| | Roll |
|---|--------|
| Certain-teed Smooth Roofing. 3-ply, 55 lbs. | \$2.00 |
| Certain-teed Smooth Roofing. 4-ply, 65 lbs. | 2.25 |
| Guard Smooth Roofing. 2-ply, 45 lbs. | 1.65 |
| Corporal Smooth Roofing. 1-ply, 35 lbs. | 1.10 |
| Certain-teed Mineral Surface Roofing. Colors: red, green, and black. 90 lbs. | 2.25 |
| No. 15. Tarred Felt. ½ rolls, about 32 lbs. | 1.25 |
| Full rolls, 432 sq. ft. | 2.35 |
| Asphalt Sheathing. 30 lbs., 500 sq. ft. | 1.30 |
| Insulating Paper. 35 lbs., 500 sq. ft. | 2.30 |

Bird Houses, Baskets and Flower Pots



No. 111



No. 110

BISHOP'S BIRD HOUSES

No. 111. Window Feeder. Shipping weight 10 lbs. Price, \$3.00.
No. 117. Six Way Feeder. Shipping weight 6 lbs. Price, \$2.85.
No. 116. Seed Feeder. Shipping weight 3 lbs. Price, 95c.
No. 110. Combination Shelter. Shipping weight 6 lbs. Price, \$2.30.
No. 81. Bluebird House. Shipping weight, 5 lbs. Price, \$1.00.
No. 3. Robin Shelter. Shipping weight 6 lbs. Price, \$1.95.
No. 108. Weathervane Feeder. Shipping weight, 12 lbs. Price, \$5.75.

Many other Feeders and Houses. Send for complete booklet. Complete stock of Bird Suet Cakes, etc. Also get prices on Ross' Wild Bird Food Mixture.

Standard Pots, Pans and Saucers

Inside measurements, width and depth equal.

| | POTS | | | SAUCERS | | | BOTH | | |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| | Ea. | Doz. | 100 | Ea. | Doz. | 100 | Ea. | Doz. | 100 |
| 3 in. | \$0.05 | \$0.35 | \$2.50 | \$0.05 | \$0.30 | \$2.35 | \$0.08 | \$0.60 | \$4.35 |
| 4 in. | .07 | .55 | 4.00 | .05 | .35 | 2.95 | .10 | .80 | 6.25 |
| 5 in. | .10 | .95 | 7.00 | .05 | .50 | 3.90 | .13 | 1.25 | 9.85 |
| 6 in. | .12 | 1.25 | 10.00 | .07 | .70 | 5.85 | .17 | 1.75 | 14.00 |
| 7 in. | .20 | 2.25 | 17.50 | .10 | .95 | 7.80 | .25 | 2.75 | 22.00 |
| 8 in. | .30 | 3.25 | 25.00 | .12 | 1.25 | 10.72 | .37 | 4.00 | 32.00 |
| 9 in. | .40 | 4.25 | | .18 | 1.80 | | .52 | 5.50 | |
| 10 in. | .60 | 6.25 | | .25 | 2.75 | | .75 | 7.50 | |
| 12 in. | 1.25 | | | .35 | | | 1.50 | | |
| 14 in. | 2.25 | | | .75 | | | 2.75 | | |

Positively no flower pots or saucers sent parcel post.

Bulb Pans

| | Each | Doz. | 100 |
|--------|--------|--------|---------|
| 6 in. | \$0.15 | \$1.50 | \$10.50 |
| 7 in. | .25 | 2.25 | 17.50 |
| 8 in. | .35 | 3.50 | 25.00 |
| 9 in. | .50 | 5.00 | 39.00 |
| 10 in. | .60 | 6.00 | 52.00 |
| 12 in. | 1.00 | | |
| 14 in. | 2.25 | | |

Neponset Red Paper Flower Pots



These pots are nested and packed in cases of 1000 each, except 4-, 5-, and 6-inch sizes, which are put up in cases of 500 each.

| | Wt. per 1000 pots | Per 100 | Per 1000 |
|----------------|-------------------|---------|----------|
| 2 1/4 in. pots | 12 lbs. | \$0.60 | \$ 4.35 |
| 2 1/2 in. pots | 16 lbs. | .65 | 4.50 |
| 3 in. pots | 24 lbs. | .75 | 5.25 |
| 3 1/2 in. pots | 34 lbs. | .90 | 6.65 |
| 4 in. pots | 38 lbs. | 1.00 | 7.50 |
| 5 in. pots | 62 lbs. | 1.25 | 10.00 |
| 6 in. pots | 86 lbs. | 1.60 | 12.75 |

Neponset Green Paper Flower Pots

Neponset Green Pots are especially adapted for growing. Every grower can reduce his growing, transplanting, storage and shipping costs by using these pots. Packed same as Red Pots.



| | Wt. per 1000 pots | Per 100 | Per 1000 |
|----------------|-------------------|---------|----------|
| 2 1/2 in. pots | 22 | \$0.95 | \$ 8.45 |
| 3 in. pots | 28 | 1.10 | 10.00 |
| 3 1/2 in. pots | 39 | 1.35 | 12.50 |
| 4 in. pots | 52 | 1.60 | 14.50 |
| 5 in. pots | 88 | 2.25 | 21.00 |

Strapped Bushel Basket

| Size | Price |
|--------------|--------|
| 4 bushel | \$3.75 |
| 3 bushel | 3.00 |
| 2 bushel | 2.25 |
| 1 1/2 bushel | 1.80 |
| 1 bushel | 1.50 |



Woven Picking Basket

| Size | Price |
|-----------------------|--------|
| 1/2 bushel, drop bail | \$0.85 |
| 1/4 bushel | .75 |

Oxford Stave Basket

| | Each |
|-------------------------|--------|
| 1 bushel | \$1.10 |
| 1/2 bushel, drop handle | .85 |
| 1/4 bushel, drop handle | .75 |

A very serviceable basket, and the 1/2 bushel is the best basket for picking peaches, as it does not bruise the fruit.

Baskets

VERBENA AND PANSY BASKET
Used largely for pansies. \$20.00 per 1000; \$2.25 per 100. Postage extra, 30c per 100.

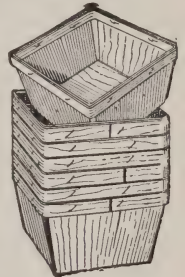
FOUR-QUART VIRGINIA TILLS
For roadside container. \$25.00 per 1000; \$2.75 per 100. Postage extra, 50c per 100.

THREE-QUART VIRGINIA TILLS
\$23.00 per 1000; \$2.50 per 100. Postage extra, 35c per 100.

TWO-QUART MISSISSIPPI TILLS
\$20.00 per 1000; \$2.25 per 100. Postage extra, 35c per 100.

One Quart All Wood Berry Baskets

| | 1000 |
|---|--------|
| Utility Brand | \$8.25 |
| Tight Corner (For Blueberries) | 9.75 |
| Oval Pints | 8.25 |
| Utility qts and oval pts., \$1.00 per 100. | |
| Tight corners, \$1.15 per 100. Add 25c per 100 for postage. | |



Bale Handle Market Baskets

| No. | Size | Dimensions | Price |
|-----|-----------|----------------|--------|
| 1 | 1 pk. | 18"x10"x6" | \$1.00 |
| 2 | 1/2 bu. | 21"x12"x6 1/2" | 1.15 |
| 3 | 3/4 bu. | 23"x13"x7" | 1.25 |
| 4 | 1 bu. | 24"x15"x8" | 1.40 |
| 5 | 1 1/2 bu. | 25"x16"x8 1/2" | 1.65 |

Wet Wash Clothes Basket

| No. | Dimensions | Price |
|-----|-------------|--------|
| 2 | 26"x16"x9" | \$1.75 |
| 3 | 28"x18"x10" | 1.95 |
| 4 | 30"x20"x10" | 2.25 |
| 5 | 32"x20"x10" | 2.65 |

Covered Lunch Baskets

| No. | Dimensions | Price |
|-----|-------------------|--------|
| 1 | 9 1/2"x6"x5" | \$0.75 |
| 2 | 11"x6 1/2"x6" | .85 |
| 3 | 11 1/2"x7"x6 1/2" | .95 |
| 4 | 14"x8 1/2"x6 1/2" | 1.10 |
| 5 | 15 1/2"x9"x7 1/2" | 1.20 |
| 6 | 17"x10"x8" | 1.35 |

Tree Labels

Copper wired, 3 1/2 inches. Weight 5 lbs. Per 1000 \$3.00

Pot Labels

| | Wt. per 1000 | 100 | 1000 |
|-------|--------------|--------|--------|
| 4 in. | 4 lbs. | \$0.30 | \$2.50 |
| 6 in. | 5 lbs. | .40 | 3.25 |

Garden Labels

| | Wt. per 1000 | 100 | 1000 |
|--------|--------------|--------|--------|
| 8 in. | 14 lbs. | \$0.95 | \$7.50 |
| 10 in. | 17 lbs. | 1.00 | 8.75 |

Plant Sticks

| For pot or garden use. | | Square, painted green. | |
|------------------------|--------|------------------------|--------|
| | Each | 100 | Each |
| 1 ft. | \$0.02 | \$1.50 | \$0.07 |
| 1 1/2 ft. | .02 | 1.50 | .09 |
| 2 ft. | .03 | 2.00 | .12 |
| 2 1/2 ft. | .04 | 2.50 | .16 |
| | | | .18 |
| | | | .16.75 |

Farm and Garden Supplies

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the War Production Board at time of delivery.

HAYES GARDEN HOSE SPRAYERS

Hayes Jr. Spray Gun



For "Average Size" Garden

Famous all-purpose sprayer. Makes 3 gallons of mixed spray material at one time. Just attach to garden hose, turn on the faucet, lightly press the conveniently long lever and Hayes Jr. sprays. Price, \$5.95.

veniently long lever and Hayes Jr. sprays. Price, \$5.95.

Hayes-Ette Sprayer For Small Gardens

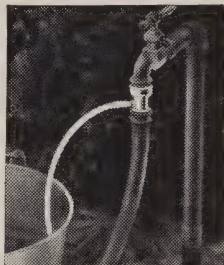
A compact little bantamweight that efficiently does the work of many large sprayers. Simply attach to garden hose, lightly press the new no-leak thumb button. That's all. Capacity, 1½ gallons of mixed spray material. Price, \$2.95.



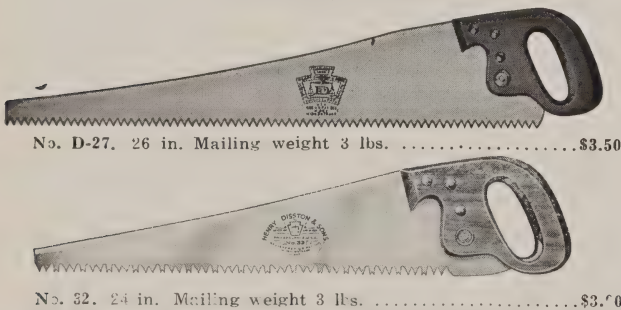
Hayes 25-to-1 Proportioner

Applies liquid and soluble fertilizers, lawn moth solutions, weed killers, insecticides and fungicides economically, safely, easily, through garden hose.

Simply attach Proportioner to hydrant. Mix concentrate with water. Drop suction tube into container. Attach garden hose to Proportioner. Attach free flowing nozzle on end of hose. Turn on hydrant, and apply same as watering. Hayes jet mixes the spray accurately. Price, \$1.95.



Pruning Saws



No. D-27, 26 in. Mailing weight 3 lbs.\$3.50

No. 32, 24 in. Mailing weight 3 lbs.\$3.60

Cross-Cut Saws

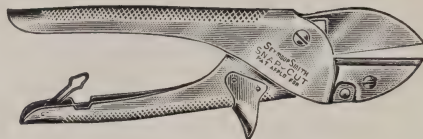


Curtis Hollow Back Pattern. 5 ft., \$2.75; 5½ ft., \$2.95; 6 ft., \$3.25.

Same as above, only two gauges thinner on back. 5 ft., \$3.25; 5½ ft., \$3.45; 6 ft., \$3.75.

Handles extra. 50c per pair.

Snap-Cut Pruning Shears



Orchardists, home and professional gardeners everywhere recognize the "Snap Cut" as the most efficient pruner on the market today.

No. 119. Length 8 in.\$2.25
No. 118. Length 6 in.1.39
No. 19. Special length, 8 in.1.15
No. 9. Junior length, 7¾ in.1.19

Add 10c for postage.

"Tiffany" All Steel Tree Pruners



Cuts from both sides of the limb and does not bruise the bark. Cuts 1½-inch limbs with ease. Light, powerful and practical. The blade has the draw cut principle and cuts very smoothly.

Length, 20 in.; weight, 2½ lbs.; postpaid, \$3.30.

Length, 24 in.; weight, 3 lbs.; postpaid, \$3.60.

Length, 28 in.; weight, 3½ lbs.; postpaid, \$3.90.

Curtis One-Man Saws

3 ft., \$2.75; 3½ ft., \$3.00; 4 ft., \$3.45.

Columbia Fruit Step Ladder

This fruit step is the latest, strongest, best and most practical fruit step on the market. Made from clear spruce; steps reinforced with truss rods. Made in 5, 6, 8, 10, and 12-ft. lengths. Per ft., 83c.

Extension Ladders

Made from white spruce and recommended by telephone and telegraph folks who use these. Allow 4 ft. for lap.

20 to 32 Per ft. \$0.56
34 to 4459

Common Taper

Made of white spruce. Very strong and durable.

10 to 16 Per ft. \$0.51
18 to 2253

Closed Top Fruit

This ladder manufactured purposely for fruit picking. Upper section closed or pointed at top to run up in thick branches of trees. 10 to 16 ft., 53c per foot; 18 to 22 ft., 55c per foot.

Yale Step Ladders

Clear eastern spruce throughout. 3 ft. to 12 ft. Price, 83c per ft.

Magic Weeder Hoes

Specifications and List Prices:

| Style | Length of Handles | Price each | Postpaid each |
|-------|-------------------|------------|---------------|
| A | 5¼ in. | \$0.12 | \$0.17 |
| B | 18 in. | .18 | .28 |
| BB | 36 in. | .30 | .40 |
| C | 5¼ in. | .18 | .28 |
| D | 6 in. | .30 | .40 |
| E | 6 in. | .30 | .40 |
| F | 42 in. | .75 | .90 |
| G | 48 in. | .85 | 1.00 |
| H | 48 in. | 1.00 | 1.15 |
| K | 48 in. | 1.00 | 1.15 |

Farm and Dairy Supplies

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the War Production Board at time of delivery.

Warriner's Patent Chain Cattle Stanchions

Used in a large number of stables. A short chain secures the fastener to the top beam so that it suspends 1½ inches clear of the bottom sill. It is also fastened to the bottom sill by a chain to allow it a free and easy motion and rotation, giving the cattle freedom. Each, \$2.95; doz. lots, \$32.50.

KOW KARE. The concentrated tonic, conditioner and regulator to promote assimilation, aid low cost milk production and build up vigor for calving. 65c size, mailing weight 2 lbs.; \$1.25 size, mailing weight 4 lbs.

BAG BALM. For teat and udder ills and all farm healing. 60c, mailing weight 1 lb.

BAG BALM DILATORS. For quick healing of spider scales, bruises, etc. 25 dilators sterilized and packed in Bag Balm 60c. Mailing weight, 1 lb.

Moore Bros. "Purpul" Medicated Wax Teat Dilators

For obstructions, spiders, sores on end of teat, hard milkers, etc.

1½ doz. Dilators, 25c; 7 doz. Dilators, \$1.00, postpaid.

Dr. Naylor's Veterinary Products

MEDICATED TEAT DILATORS. For the treatment of spider teat, scab teats, cut and bruised teats, obstructions. Medicated, packed in antiseptic ointment. Large pkg. (45 dilators), \$1.00; postpaid, \$1.10. Trial pkg. (16 dilators), 50c; postpaid, 60c.

UDDER BALM. Antiseptic ointment, stays in prolonged antiseptic contact, reduces danger of infection. Soothing, healing ointment for many everyday uses. Price, 50c; postpaid, 60c.

UDDER LINIMENT. Antiseptic massage cream, relieves soreness, reduces congestion. Price, \$1.00; postpaid, \$1.10.

LINITE. Antiseptic compound for stubborn conditions, hoof rot, canker, thrush. Price, \$1.00; postpaid, \$1.10.

URALAX. Laxative, diuretic; increases flow of urine, promotes general elimination. Price, 60c; postpaid, 70c.

DIRENE. Antacid, intestinal astringent for simple diarrhea, acid indigestion. Price, 75c; postpaid, 85c.

TONIC POWDER. For horses and cows. Stimulant, tonic, aids digestion. Price, 75c; postpaid, 85c.

STOP-A-LEAK. For cows teats that leak milk. Tightens muscle end of teat. Price, \$1.00; postpaid, \$1.10.

ANTISEPTIC PAINT. Antiseptic wound dressing, promotes clean, rapid healing. Price, 50c; postpaid, 60c.

ANTISEPTIC DUSTING POWDER. For galls, blisters, skin irritations. Price, 50c; postpaid, 60c.

Milk Scales

Built for hard use with solid brass dials. Two pointers are provided.

No. 68MD. Weighs 30 lbs. by 10ths\$5.50

No. 69MD. Weighs 60 lbs. by 10ths 6.00
Mailing weight 4 lbs.

No. 2700. Black enamel finish; weighs 40 lbs. by 10ths, \$3.50.
Mailing weight, 3 lbs.

Salt Bricks

Roto Salt Bricks. Weight 6 lbs. Price: 25c each; \$2.50 per doz.

Square Salt Bricks. Weight 5 lbs. Price: 25c each; \$2.50 per doz.

Johnson & Johnson Cotton Discs

6 in. 300 to carton. Plain\$1.00—Single face\$1.60

6½ in. 300 to carton. Plain 1.15—Single face 1.85
Mailing weight 3 lbs.

Varnished Cylinder Churns

Designed for those having a small dairy.

No. 0. Capacity 1 gallon. Weight 12 lbs.\$3.75

No. 1. Capacity 2 gallons. Weight 13 lbs. 4.25

No. 2. Capacity 4 gallons. Weight 16 lbs. 4.85

No. 3. Capacity 6 gallons. Weight 18 lbs. 5.50

No. 4. Capacity 8 gallons. Weight 20 lbs. 6.50

The Rice Calf Weaner

Small, 50c; medium, 65c; large, 85c. Weight, each, 1 lb.

Old Hickory Smoked Salt (Sugar Cure)

Ready for use. For curing hams. 9-lb. can, \$1.00. Postage extra.

Thompson's Grass Seeders



For broadcasting Grass, for sowing Red Top, Clover, Timothy, and all mixed seeds. Light, strong and simple.

SEEDER No. 5. Sows Clover, Timothy, Hungarian Millet, Alfalfa, chaffy seeds like Red Top, Orchard Grass and Kentucky Blue Grass. Price, \$21.00.

No. 4. GRAIN SEEDER BOX. 10 feet, for sowing all



kinds of grain. Fits No. 5 Seeder, and with both boxes all kinds of grain and grass seeds can be sown. Price, \$12.00.
No. 5 SEEDER and No. 4 GRAIN BOX. Price, \$33.00.

The Cyclone Broadcast Seeder

Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even. Net price, \$2.95. Mailing weight, 2 lbs.

Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet from each side of the operator); lighter seeds, of course, will not be thrown so far. Price, \$4.95.

One-Hand Corn Planter

Lightest, most accurate, strongest and most up-to-date planter on the market. Price, \$2.25. Mailing weight, 5 lbs.

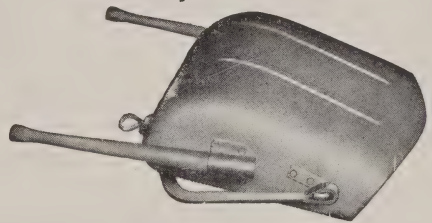
Corn Hooks

No. 2CH Yankee Corn Hook\$0.50

No. 6C Carver's Patent Plain Edge75

No. 8C Carver's Patent Serrated Edge80

Steel Scraper with Runners



No. 1. Carries 7 ft. of earth\$11.25

No. 2. Carries 5 ft. of earth 11.00

No. 3. 10.25

Myers Nozzles



Fembro 45 degree nozzle. 85c; or 90c, postpaid.



Fembro straight nozzle, 75c; or 80c, postpaid.

Bordeaux Nozzle

(not shown)

Each, \$1.20; or \$1.30 postpaid.

Glass Churn

Whips cream, beats eggs, makes butter, etc.

2 quarts. Weight 7 lbs.\$1.65

4 quarts. Weight 10 lbs. 2.50

Extra glasses, 60c and \$1.00.



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